

PHYSICAL
SCI. LIB.

TC

824

C2

A2

NO. 68:72

CALIFORNIA. DEPT. OF WATER RESOURCES
BULLETIN.

U.C.D. LIBRARY

THOMAS A. A. S.

C2
A2
68-72
JUN 5 1979
PR 8 REC'D
DEC 28 1979
AN 2 RT'D

5



STATE OF CALIFORNIA
The Resources Agency

PHYSICAL
SCIENCES
LIBRARY

Department of Water Resources

BULLETIN No. 68-72

INVENTORY OF WASTE WATER PRODUCTION
AND
WASTE WATER RECLAMATION PRACTICES
IN CALIFORNIA
1972

U.C.D. LIBRARY

OCTOBER 1973

NORMAN B. LIVERMORE, JR.
Secretary for Resources
The Resources Agency

RONALD REAGAN
Governor
State of California

JOHN R. TEERINK
Director
Department of Water Resources

STATE OF CALIFORNIA
The Resources Agency
Department of Water Resources

BULLETIN No. 68-72

INVENTORY OF WASTE WATER PRODUCTION
AND
WASTE WATER RECLAMATION PRACTICES
IN CALIFORNIA
1972

Copies of this bulletin at \$1.50 each may be ordered from:

State of California
DEPARTMENT OF WATER RESOURCES
P.O. Box 388
Sacramento, California 95802

Make checks payable to STATE OF CALIFORNIA.
California residents add sales tax.

OCTOBER 1973

NORMAN B. LIVERMORE, JR.
Secretary for Resources
The Resources Agency

RONALD REAGAN
Governor
State of California

JOHN R. TEERINK
Director
Department of Water Resources

FOREWORD

The conservation of California's water resources requires the best use of available water supplies. In any comprehensive evaluation of management plans to meet future water needs, the reclamation of water from wastes must be considered as an alternative source of supplemental water.

Waste water reclamation represents an increasingly significant source of water supply that may be used in lieu of further conventional development of surface or ground water sources to meet future growth needs or, in some cases, for exchanges in service areas to make more effective use of our water resources. At the same time, the reuse of treated waste water will reduce the amount of wastes that would otherwise be discharged to rivers and streams. Furthermore, waste water reclamation can provide "new" sources of water for such uses as (1) ground water recharge; (2) crop irrigation, the irrigation of parks, freeway landscaping, golf courses, and athletic fields; (3) the maintenance of scenic and recreational lakes; and (4) fire protection and cooling water at power plants and industrial plants.

The Bulletin 68 series, which presents a statewide inventory of waste water production and reclamation practices, is published annually. It presents a compilation of readily available data and information on a statewide basis. These data and other information are obtained from files within the Department of Water Resources; from the files of the California Regional Water Quality Control Boards; from local and state agencies; from studies, investigations, and technical literature; and from other public and private sources.



John R. Teerink, Director
Department of Water Resources
The Resources Agency
State of California
September 21, 1973

TABLE OF CONTENTS

	<u>Page</u>
FOREWORD	iii
ORGANIZATION, DEPARTMENT OF WATER RESOURCES	vi
ORGANIZATION, CALIFORNIA WATER COMMISSION	vii
ABSTRACT	viii
INTRODUCTION	1
WASTE WATER PRODUCTION	2
WASTE WATER RECLAMATION PRACTICES	4
ARRANGEMENT OF TABLES	5

FIGURE

1	Hydrologic Study Areas of California	6
---	--	---

TABLES

1	Municipal Waste Water Production and Reclamation During 1972	7
2	Waste Water Production and Reclamation at Federal Installations During 1972	17
3	Waste Water Production and Reclamation by Private Enterprises During 1972	20

State of California
The Resources Agency
DEPARTMENT OF WATER RESOURCES

RONALD REAGAN, Governor
NORMAN B. LIVERMORE, JR., Secretary for Resources
JOHN R. TEERINK, Director, Department of Water Resources

DIVISION OF RESOURCES DEVELOPMENT

Herbert W. Greydanus Division Engineer
James L. Welsh Chief, Environmental Quality Branch

This bulletin was prepared under
the direction of

James M. Morris, Jr., Chief, Water Quality Section
by

Charles F. Kleine Senior Engineer

A portion of the data was furnished by

NORTHERN DISTRICT

Albert J. Dolcini District Engineer
Wayne S. Gentry Chief, Operations Branch
Robert F. Clawson . Chief, Water Quality and Biology Section

CENTRAL DISTRICT

Robin R. Reynolds District Engineer
Donald J. Finlayson Chief, Water Utilization Branch
William B. Mitchell, Jr., . Chief, Water Utilization Section

SAN JOAQUIN DISTRICT

Carl L. Stetson District Engineer
John W. Masier . . Chief, Planning and Investigations Branch
Victor B. McIntyre Chief, Water Quality Unit

SOUTHERN DISTRICT

Jack J. Coe Acting, District Engineer
and Chief, Planning Branch
Kiyoshi W. Mido . . Chief, Planning Investigations Section

State of California
Department of Water Resources
CALIFORNIA WATER COMMISSION

IRA J. CHRISMAN, Chairman, Visalia
CLAIR A. HILL, Vice Chairman, Redding

Mal Coombs	Garberville
Ray W. Ferguson	Ontario
William H. Jennings	La Mesa
Clare Wm. Jones	Firebaugh
William P. Moses	San Pablo
Samuel B. Nelson	Northridge
Ernest R. Nichols	Ventura

Orville L. Abbott
Executive Officer and Chief Engineer

Tom Y. Fujimoto, Staff Assistant

ABSTRACT

This bulletin presents a statewide inventory of readily available information on municipal, industrial, and domestic waste water production and waste water reclamation practices in California for 1972. Data are presented for waste waters discharged by local governments (cities, counties, districts, and state agencies), by federal installations, and by private enterprises. About 200,000 acre-feet of water was reclaimed from the nearly 2.5 million acre-feet of waste water reported by 850 dischargers. In addition, some 530,000 acre-feet of treated municipal and industrial waste waters were incidentally reclaimed by being returned to streams, lakes, reservoirs, and ground water basins, thereby becoming available for reuse.

INTRODUCTION

The Department of Water Resources has compiled this report from available sources to satisfy the continuing demand for information on the status of waste water reclamation in California.

This report series presents an annual summary of the status of municipal, industrial, and domestic waste water production and water reclamation practices in the State by local governments (cities, counties, districts, and state agencies), at federal installations, and by private enterprises.

An exhaustive canvass of facilities was not made; the listings may not include all waste water discharges or reclamation. The listings are believed to be reasonably complete for local government and federal installation discharges, less so for specific discharges by private enterprises.

This inventory is a part of a continuing series of studies to evaluate and promote reclaimed waste water as an integral part of the California Water Plan. The study approach is threefold: (1) conduct annual inventories of waste water production and reclamation in California, (2) make areal over-view studies to evaluate the potential of reclaimed water to meet water requirements, and (3) investigate technical and economic factors involved in reclamation and study the feasibility of specific projects. Waste water reclamation offers partial fulfillment of certain increasing water demands,

particularly in major coastal metropolitan areas, and it can extend the utility and upgrade the quality of water supplies.

WASTE WATER PRODUCTION

Only municipal, industrial, and domestic waste water production is reported. Irrigation return flows are not reported. These generally are returned directly to the freshwater cycle without treatment and remain a part of the total usable water supply. Exceptions are highly mineralized agricultural waste waters, such as those in the Imperial and Coachella Valleys which maintain the Salton Sea.

Sewerage systems producing less than 10 acre-feet of waste water per year were not reported, and no attempt was made to inventory or include domestic sanitation systems, such as septic tanks. Waste waters from such systems generally return to and remain a part of the freshwater supply and are not susceptible to reclamation.

The quantities of waste water produced in 1972 were assembled from information obtained from the files of the various California Regional Water Quality Control Boards and from data collected by this Department from dischargers.

These data on individual waste discharges, which have been aggregated into the 11 hydrologic study areas, as depicted in Figure 1, are presented in Tables 1 through 3. A statewide summary of this information is shown on page 3.

This summary shows, as would be expected, the greatest waste water production was in the major populated

SUMMARY OF ANNUAL WASTE WATER PRODUCTION,
DISPOSAL, AND RECLAMATION PRACTICES
1972

Hydrologic Study Area	Estimated Population Served (1,000's)	Waste Water Produced (1,000 AF)	Planned		Waste Water Reclaimed		Total		Waste Water Discharge	
			Quantity (1,000 AF)	Percent ^c	Quantity (1,000 AF)	Percent ^c	Quantity (1,000 AF)	Percent ^c	Quantity (1,000 AF)	Percent ^c
North Coastal	85	73	1	1	6	8	7	10	72	99
San Francisco Bay	4,578	552	8	1	32	6	40	7	544	99
Central Coastal	718	114	5	4	35	31	40	35	108	99
South Coastal	11,021	1,282	56	4	152	12	208	16	1,226	96
Sacramento Basin	618	106	12	11	86	81	98	92	94	89
Delta - Central Sierra	902	133	8	8	121	91	131	98	123	92
San Joaquin Basin	356	65	29	45	34	49	61	94	36	55
Tulare Basin	120	120	49	41	45	37	94	78	71	59
North Lahontan	56	11	6	55	3	27	9	82	4	45
South Lahontan	176	20	7	35	8	40	15	75	14	70
Colorado Desert	162	22	6	27	12	55	18	82	16	73
Total	19,389	2,498	192	8	532	21	724	29	2,308	92
										1,708
										68

a-The amount of waste water produced less the amount used in planned reclamation.

b-Ocean, bays, and estuaries.

c-Of the amount of waste water produced.

d-Discharges to Salton Sea and Colorado River.

areas. Furthermore, about 70 percent of the waste water produced was discharged into saline waters. In each of the coastal basins over one-half the waste water produced was discharged to saline waters. The reclamation of these waste waters now discharged to saline waters would result in a "new" source of water, water that is now being lost to the usable freshwater cycle.

WASTE WATER RECLAMATION PRACTICES

Summarized data on the quantities of waste water reclaimed are listed on page 3 by hydrologic study area. The summary indicates the quantities of waste water reused under planned reclamation schemes (controlled reuse of waste water) and the quantity reused incidentally (uncontrolled reuse of waste water), which results from disposal to natural bodies of water or sewer farming. The term waste water reclamation, as used in this report, is the planned renovation of waste water with the intent of producing usable water for a specific beneficial purpose. The renovation may be the normal treatment process required for waste discharge or it may include further treatment to remove or neutralize specific pollutants.

This summary shows that the South Coastal and Tulare Basin areas lead in quantities reclaimed. More significantly it shows that most of the waste water in the inland hydrologic study areas is being reclaimed by planned or incidental means and that the principal opportunities for additional reclamation

are in the coastal areas. Most of the wastes in coastal areas are discharged to saline water, where they are lost to further reuse.

In inland basins the majority of the waste water produced is returned to and commingled with the freshwater supply for further use. Reclamation of these waters might conceivably upgrade water quality. However, it would not create a "new" water supply. Only when wastes are discharged to saline waters, or have become so degraded that they cannot be discharged to fresh waters, does their reclamation create a new supply. Thus, possible sources of new water include the municipal and industrial wastes discharged to the ocean, saline bays, and estuaries, and the agricultural waste waters in the San Joaquin Valley which are so saline they eventually must be collected and removed from the freshwater cycle.

ARRANGEMENT OF TABLES

Table 1 reports the production, reclamation, and disposal of waste water by municipalities for the calendar year of 1972.

Table 2 reports the production, reclamation, and disposal of waste water at federal installations for the calendar year of 1972.

Table 3 reports the production, reclamation, and disposal of waste water by private enterprises for the calendar year of 1972.

HYDROLOGIC STUDY AREAS

- NC—NORTH COASTAL
- SF—SAN FRANCISCO BAY
- CC—CENTRAL COASTAL
- SC—SOUTH COASTAL
- SB—SACRAMENTO BASIN
- DC—DELTA-CENTRAL SIERRA
- SJ—SAN JOAQUIN BASIN
- TB—TULARE BASIN
- NL—NORTH LAHONTAN
- SL—SOUTH LAHONTAN
- CD—COLORADO DESERT

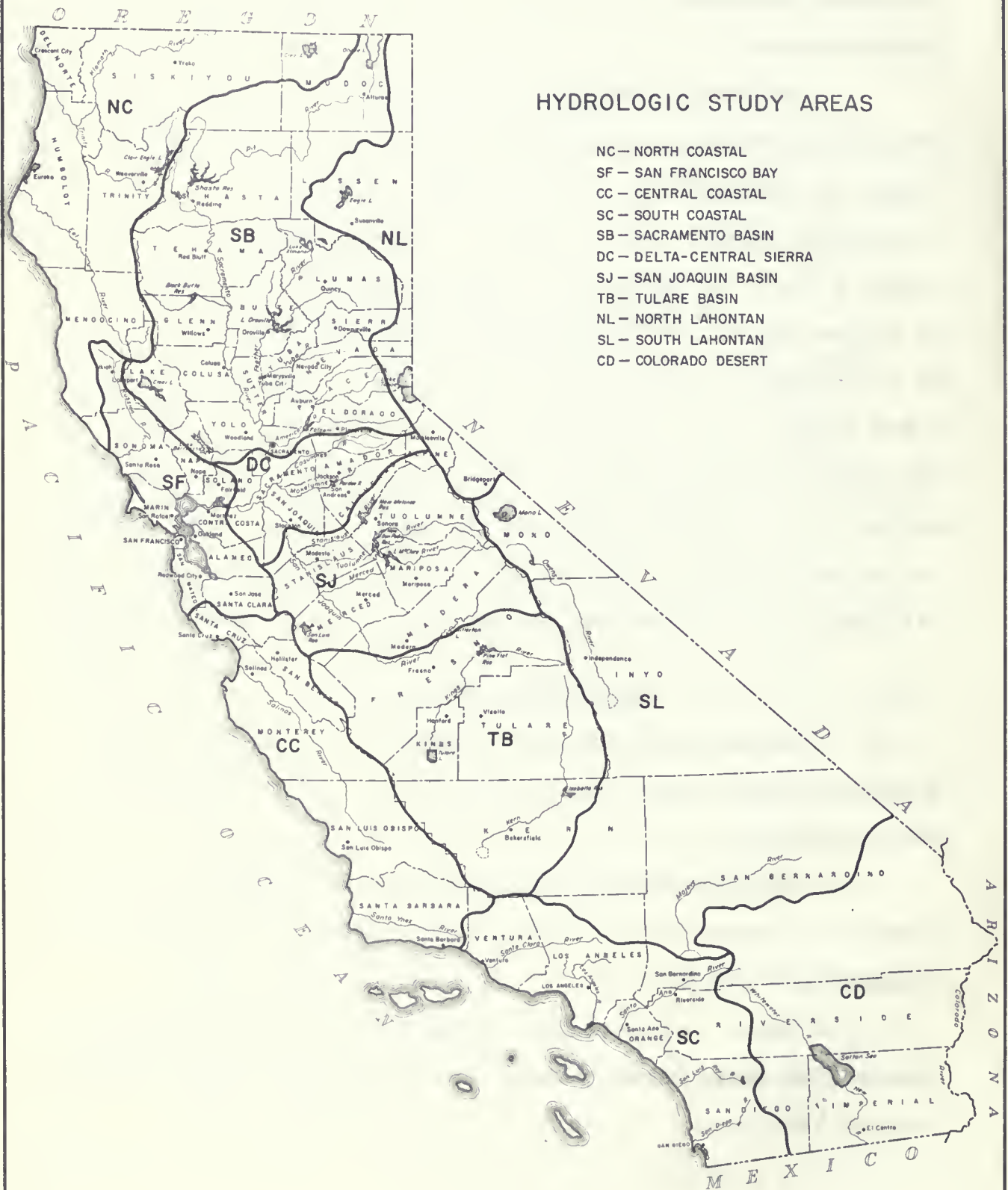


TABLE I
MUNICIPAL WASTE WATER PRODUCTION AND RECLAMATION
DURING 1972

HYDROLOGIC STUDY AREA COUNTY	FACILITY	ESTIMATED POPULATION SERVED (1000'S)	AVERAGE DAILY FLOW (MGD)	WASTE WATER PRODUCTION (1000 AF)	RECLAIMED WASTE WATER (1000 AF)	USE OF RECLAIMED WASTE WATER	NET WASTE WATER DISCHARGE (1000 AF)	PLACE OF DISCHARGE
<u>NORTH COASTAL</u>								
DEL NORTE								
	Crescent City, City of	3.0	0.59	0.66			0.66	Pacific Ocean
	Klamath Community Services District	0.1	0.01	0.01			0.01	Klamath River
HUMBOLDT								
	Arcata, City of	7.4	1.50	1.68			1.68	Arcata Bay
	Blue Lake, City of	1.0	0.09	0.10			0.10	Mad River
	College of the Redwoods	-	0.03	0.03			0.03	White Slough
	Eureka, City of							
	Hill Street Plant	7.6	1.13	1.27			1.27	Humboldt Bay
	McCullena Plant	7.0	0.55	0.62			0.62	Humboldt Bay
	Murray Street Plant	17.9	2.96	3.31			3.31	Humboldt Bay
	Ferndale, City of	1.4	0.20	0.22			0.22	Salt River
	Fortuna, City of	4.2	0.40	0.45			0.45	Rhoner Creek
	Garberville Sanitary District	0.7	0.08	0.09			0.09	S. F. Eel River
	Humboldt County Service Area No. 3							
	King Salmon County Sanitation Dist.	0.4	0.04	0.04			0.04	Humboldt Bay
	Sea View Manor County Sanitation Dist.	0.2	0.02	0.02			0.02	Humboldt Bay
	South Bay County Sanitation District	0.3	0.03	0.03			0.03	Humboldt Bay
	Loleta Sanitary District	0.6	0.04	0.04			0.04	Ed River
	Redway Sanitary District	0.8	0.16	0.18			0.18	S. F. Eel River
	Rio Dell Sanitary District	3.0	0.20	0.22			0.22	Eel River
	Rhonerville - Compton Height County							
	Water District	2.8	0.16	0.18			0.18	Mill Creek
	Scotia, Community of	1.2	0.10	0.12	0.12	Industrial	-0-	Pacific Lumber Co. Mill Pond
MENDOCINO								
	Covelo Community Services District	0.8	0.01	0.01	(1)	(1)	0.01	Town Creek
	Port Bragg, City of	5.0	1.67	1.86			1.86	Pacific Ocean
	Point Arena, City of	0.5	0.01	0.01			0.01	Point Arena Creek
	Willits, City of	3.1	0.50	0.56	0.17	Crop Irrigation	0.39	Broadus Creek
MODOC								
	Newel Sanitary District	0.5	0.05	0.06			0.06	Land Disposal
SISKIYOU								
	Dorris, City of	1.0	0.10	0.11			0.11	Land Disposal
	Etna, City of	0.7	0.07	0.08			0.08	Land Disposal
	Fort Jones, City of	0.5	0.05	0.06			0.06	Land Disposal
	Montague, City of	0.8	0.08	0.09			0.09	Oregon Slough
	Shastina Sanitary District	1.5	0.35	0.39	0.16	Crop Irrigation	0.23	Land Disposal
	Tulelake, City of	0.9	0.10	0.11			0.11	Tulelake Irrigation District Drain Ditch
	Weed, City of	1.5	0.28	0.31	0.13	Crop Irrigation	0.18	Land Disposal
	Yreka, City of	5.4	0.60	0.67			0.67	Yreka Creek
TRINITY								
	Weaverville Sanitary District	2.0	0.25	0.28			0.28	Weaver Creek
	HYDROLOGIC STUDY AREA TOTAL	83.8	12.41	13.87	0.58		13.29	
<u>SAN FRANCISCO BAY</u>								
ALAMEDA								
	East Bay Municipal Utility District	622.0	73.60	82.67			82.67	San Francisco Bay
	Hayward, City of	99.0	12.03	13.51			13.51	San Francisco Bay
	Livermore, City of	45.5	4.00	4.49	0.88	Crop Irrigation Landscape Irrigation	3.61	Land Disposal
	Oro Loma Sanitary District	143.4	13.90	15.61			15.61	San Francisco Bay
	Pleasanton, City of	20.0	1.23	1.38	1.38	Crop Irrigation	-0-	Land Disposal
	Union Sanitary District							
	Plant No. 1, Newark	70.9	5.11	5.74			5.74	San Francisco Bay
	Plant No. 2, Irvington	78.8	6.34	7.12			7.12	San Francisco Bay
	Plant No. 3, Alvarado	33.6	2.86	3.21			3.21	San Francisco Bay
	Valley Community Services District	40.0	3.41	3.83	3.83	Recreation	-0-	Alamo Creek
CONTRA COSTA								
	Central Contra Costa Sanitary District	310.0	24.02	26.98			26.98	Suisun Bay
	Concord, City of	78.0	4.82	5.41			5.41	Suisun Bay
	Contra Costa Sanitation District 7A	11.6	0.89	1.00			1.00	Suisun Bay
	Crockett-Valona Sanitary District	3.8	0.21	0.24			0.24	San Pablo Bay
	Hercules, City of	0.3	0.03	0.03			0.03	San Pablo Bay
	Mountain View Sanitary District	20.0	0.62	0.70			0.70	Payton Slough
	Pinole, City of	11.0	0.84	0.94			0.94	San Pablo Bay
	Richmond, City of	75.0	7.90	8.87			8.87	San Francisco Bay
	Rodeo Sanitary District	6.8	0.59	0.66			0.66	San Pablo Bay
	San Pablo Sanitary District	72.0	6.67	7.49			7.49	San Pablo Bay
	Stega Sanitary District(2)	-	(2)	0.07			0.07	San Francisco Bay
MARIN								
	Bolinas Community Public Utility Dist.	0.5	0.04	0.04			0.04	Pacific Ocean
	Las Gallinas Valley Sanitary District	27.0	2.53	2.84			2.84	San Pablo Bay
	Marin County Sanitary District							
	No. 1 - Plant	50.0	5.53	6.21			6.21	San Francisco Bay
	No. 5 - Plant	6.0	0.75	0.84			0.84	San Francisco Bay
	No. 6 - Bahin Plant	0.4	0.04	0.04			0.04	San Pablo Bay
	Navato Plant	25.1	1.86	2.09			2.09	San Pablo Bay
	Ignacio Plant	11.8	0.72	0.81			0.81	San Pablo Bay
	Mill Valley, City of	17.5	1.80	2.02			2.02	Richardson Bay
	Richardson Bay Sanitary District	6.0	0.19	0.21			0.21	Richardson Bay
	Samuel P. Taylor State Park	-	0.02	0.02			0.02	Land Disposal
	San Quentin Prison	2.7	0.35	0.39			0.39	San Francisco Bay
	San Rafael Sanitation District							
	Main Plant	44.5	2.74	3.08			3.03	San Pablo Bay
	Marin Bay Plant	1.6	0.10	0.11			0.11	San Pablo Bay
	Sausalito-Marlin City Sanitary District	19.0	1.97	2.21			2.21	San Francisco Bay

(1) One third of waste treated is reclaimed for crop irrigation.

(2) Winter overflow only. District connected to East Bay Municipal Utility District.

TABLE I (CONT.)
MUNICIPAL WASTE WATER PRODUCTION AND RECLAMATION
DURING 1972

HYDROLOGIC STUDY AREA COUNTY	FACILITY	ESTIMATED POPULATION SERVED (1000'S)	AVERAGE DAILY FLOW (MGD)	WASTE WATER PRODUCTION (1000 AF)	RECLAIMED WASTE WATER (1000 AF)	USE OF RECLAIMED WASTE WATER	NET WASTE WATER DISCHARGE (1000 AF)	PLACE OF DISCHARGE
SAN FRANCISCO BAY (continued)								
MENDOCINO								
Calpella County Water District		0.8	0.08	0.09			0.09	Land Disposal
Ukiah, City of		12.0	1.67	1.88			1.88	Russian River
NAPA								
American Canyon County Water District		5.0	0.35	0.39			0.39	Land Disposal
Calistoga, City of		2.1	0.21	0.24			0.24	Land Disposal
Napa Sanitation District		56.0	5.70	6.40			6.40	Napa River
St. Helena, City of		2.5	0.37	0.42			0.42	Napa River
Yountville, City of		1.5	0.08	0.09			0.09	Napa River
Yountville Veterans Home		2.5	0.26	0.29	0.17	Crop Irrigation	0.12	Napa River
San Francisco, City and County of								
Golden Gate Park Plant		-	0.90	1.01	1.01	Landscape Irrigation Ornamental Lakes	-0-	Land Disposal
North Point Plant		450.0	64.37	72.30			72.30	San Francisco Bay
Richmond-Sunset Plant		230.0	21.10	23.70			23.70	Pacific Ocean
Southeast Plant		170.0	20.98	23.57			23.57	San Francisco Bay
SAN MATEO								
Burlingame, City of		35.0	3.00	3.37			3.37	San Francisco Bay
Estero Municipal Improvement District		16.2	1.42	1.59			1.59	San Francisco Bay
Granada Sanitary District		2.9	0.21	0.24			0.24	Pacific Ocean
Quadruple Valley Municipal Improvement District		5.8	0.18	0.20			0.20	Pacific Ocean
Half Moon Bay Sanitary District		4.6	0.29	0.33			0.33	Pacific Ocean
Menlo Park Sanitary District		55.0	5.72	6.42			6.42	San Francisco Bay
Millbrae, City of		21.0	2.34	2.63			2.63	San Francisco Bay
Montara Sanitary District		2.4	0.16	0.18			0.18	Pacific Ocean
North San Mateo County Sanitation District		70.0	4.00	4.49			4.49	Pacific Ocean
Pacifica, City of								
Sharp Park Plant		15.5	1.16	1.30			1.30	Pacific Ocean
Linda Mar Plant		20.5	1.40	1.57			1.57	Pacific Ocean
Redwood City, City of		80.7	7.76	8.72			8.72(3)	San Francisco Bay(3)
San Carlos-Belmont, Cities of		50.0	6.97	7.83			7.83(3)	San Francisco Bay(3)
San Francisco, City and County of								
County Jail Plant		0.8	0.12	0.13	0.13	Golf Course Irr.	-0-	Land Disposal
International Airport Plant		-	2.14	2.40			2.40	Land Disposal and San Francisco Bay
San Mateo, City of		90.0	10.54	11.84			11.84	San Francisco Bay
San Mateo County								
Glendwood Plant		0.1	0.01	0.01			0.01	Land Disposal
South San Francisco-San Bruno, Cities of		85.0	7.80	8.76			8.76	San Francisco Bay
SANTA CLARA								
Alviso, City of		1.4	0.21	0.24			0.24	Land Disposal
Los Altos, City of(4)		26.4	2.40	2.70			2.70	Mountain View Slough
Milpitas Sanitary District		32.0	2.99	3.36			3.36	Coyote Creek
Mountain View, City of(4)		51.0	7.38	8.29			8.29	Mountain View Slough
Palo Alto, City of(4)		89.6	12.90	14.49			14.49	San Francisco Creek
San Jose, City of		300.0	82.70	92.89			92.89	Coyote Creek
Sunnyvale, City of		110.0	13.40	15.05			15.05	Quadruple Slough
SOLANO								
Benicia, City of		6.8	0.90	1.01			1.01	Carquinez Strait
Fairfield-Suisun Sewer District		35.0	4.25	4.77			4.77	Suisun Slough
Vallejo Sanitation and Flood Control District		80.0	7.69	8.64			8.64	Carquinez Strait
SONOMA								
Cloverdale, City of		3.6	0.55	0.62			0.62	Russian River
Forestville County Sanitation District		0.3	0.03	0.03			0.03	Laguna de Santa Rosa
Healdsburg, City of		6.0	0.59	0.66			0.66	Dry Creek
Los Guillicos School		0.2	0.02	0.02			0.02	Land Disposal
Occidental County Sanitation District		0.2	0.02	0.02			0.02	Land Disposal
Petaluma, City of		30.0	3.11	3.49			3.49	Petaluma River
Bohnert Park-Cotati, Cities of		9.8	1.00	1.12			1.12	Hisebaugh Creek
Santa Rosa, City of								
Laguna Plant		10.0	1.66	1.86			1.86	Laguna de Santa Rosa
Oakmont Plant		2.5	0.17	0.19			0.19	Santa Rosa Creek
West College Avenue Plant		53.0	7.56	8.49			8.49	Santa Rosa Creek
Sebastopol, City of		4.0	0.52	0.58			0.58	Laguna de Santa Rosa
Sonoma County Airport		0.1	0.01	0.01			0.01	Land Disposal
Sonoma Valley County Sanitation District		24.9	1.98	2.22	0.55	Crop Irrigation	1.67	Schell Slough
Windsor County Water District		3.0	0.20	0.22			0.22	Land Disposal
HYDROLOGIC STUDY AREA TOTAL		4527.0	483.71	543.95	7.78		536.17	
CENTRAL COASTAL								
MONTEREY								
Carmel Sanitary District		11.9	1.13	1.27	0.20	Crop Irrigation	1.07	Pacific Ocean
Castroville County Sanitation District		3.2	0.53	0.60			0.60	Monterey Bay
Chualar County Sanitation District		0.5	0.02	0.02			0.02	Land Disposal
Gonzales, City of		2.6	0.31	0.35			0.35	Land Disposal
Greenfield, City of		2.6	0.19	0.21			0.21	Land Disposal
King, City of								
Main Plant		4.2	0.47	0.53			0.53	Salinas River
Airport Plant		0.3	0.20	0.22			0.22	Land Disposal
Marina County Water District		10.0	1.00	1.12			1.12	Monterey Bay
Monterey, City of		31.0	2.75	3.09			3.09	Monterey Bay
Monterey County Flood Control and Water Conservation District		3.5	0.35	0.39			0.39	Land Disposal
Pacific Grove, City of		17.5	1.80	2.02			2.02	Pacific Ocean

(3) Use common outfall.

(4) Cities of Los Altos and Mountain View combined with City of Palo Alto 10-23-72. However flow data are for the full year at each plant.

TABLE I (CONT.)
MUNICIPAL WASTE WATER PRODUCTION AND RECLAMATION
DURING 1972

HYDROLOGIC STUDY AREA COUNTY	FACILITY	ESTIMATED POPULATION SERVED (1000'S)	AVERAGE DAILY FLOW (MGD)	WASTE WATER PRODUCTION (1000 AF)	RECLAIMED WASTE WATER (1000 AF)	USE OF RECLAIMED WASTE WATER	NET WASTE WATER DISCHARGE (1000 AF)	PLACE OF DISCHARGE
<u>CENTRAL COASTAL (continued)</u>								
<u>MONTEREY (continued)</u>								
	Salinas, City of						5.82	Salinas River
	Plant No. 1	47.1	5.18	5.82			1.27	Salinas River
	Plant No. 2	11.8	1.13	1.27			5.05	
	Industrial Waters	-	4.50	5.05			0.17	Land Disposal
	San Antonio Reservoir Recreational Area	-	0.15	0.17			2.53	Monterey Bay
	Seaside County Sanitation District	29.2	2.25	2.53			0.31	Land Disposal
	Soledad, City of	4.5	0.28	0.31				
	Soledad State Correctional Training Facility	2.8	0.30	0.34	0.34	Crop Irrigation	-0-	Land Disposal
<u>SAN BENITO</u>								
	Hollister, City of	7.7	2.34	2.63			2.63	Land Disposal
	San Benito, County of							
	County Hospital	0.5	0.05	0.06			0.06	Land Disposal
	Labor Camp	0.2	0.04	0.04			0.15	Land Disposal
	San Juan Bautista, City of	1.2	0.13	0.15			0.01	Land Disposal
	Tres Pinos County Water District	0.1	0.01	0.01				
<u>SAN LUIS OBISPO</u>								
	Atascadero-San Luis Obispo County							
	Sanitary District	10.0	0.31	0.34			0.34	Land Disposal
	Atascadero State Hospital	1.7	0.19	0.21			0.21	Land Disposal
	Avila Beach County Water District	18.0	0.05	0.06			0.06	Pacific Ocean
	Lopez Lake Recreation Park	-	0.03	0.02			0.02	Land Disposal
	Morro Bay, City of	10.0	1.12	1.25			1.25	Pacific Ocean
	Paso Robles, City of	8.0	0.25	1.08			1.08	Salinas River
	Paso Robles School for Boys	0.2	0.03	0.03			0.03	Land Disposal
	Pismo Beach, City of	5.0	0.32	0.36			0.36	Pacific Ocean
	San Luis Obispo, City of	30.0	3.46	3.88	1.70	Crop Irrigation	2.18	San Luis Creek
	San Miguel Sanitary District	0.9	0.06	0.06	0.06	Ground Water Recharge	-0-	Land Disposal
	San Simeon Acres Community Services District	1.0	0.05	0.06			0.06	Pacific Ocean
	South San Luis Obispo County Sanitation District	12.0	-	0.99	1.11		1.11	Pacific Ocean
<u>SANTA BARBARA</u>								
	Buellton Community Services District	1.5	0.23	0.26			0.26	Land Disposal
	Cachuma County Sanitation District	0.4	0.04	0.05			0.05	Land Disposal
	Carpinteria Sanitary District	10.0	1.33	1.49			1.49	Pacific Ocean
	Golita County Sanitation District	60.0	5.54	6.23			6.23	Pacific Ocean
	Guadalupe, City of	3.2	0.41	0.46	0.46	Crop Irrigation	-0-	Land Disposal
	Laguna County Sanitation District	16.4	1.24	1.39	1.04	Crop Irrigation	0.35	Pacific Ocean
	Lompoc, City of	25.8	2.05	2.31			2.31	Santa Ynez River
	Montecito Sanitary District	9.3	0.68	0.76			0.76	Pacific Ocean
	Santa Barbara, City of	71.0	7.28	8.17			8.17	Pacific Ocean
	Santa Maria, City of	34.0	4.49	5.05	0.97	Crop Irrigation	4.08	Land Disposal
	Santa Maria Airport	3.0	0.31	0.35	0.35	Crop Irrigation	-0-	Land Disposal
	Solvang Municipal Improvement District	2.1	0.26	0.29			0.29	Land Disposal
	Summerland Sanitary District	1.2	0.07	0.08			0.08	Pacific Ocean
<u>SANTA CLARA</u>								
	Gilroy, City of							
	Main Plant	16.5	5.00	5.62			5.62	Land Disposal
	Industrial Waste Plant	-	8.00	8.99			8.99	Land Disposal
<u>SANTA CRUZ</u>								
	Aptos County Sanitation District	8.0	0.72	0.81			0.81	Monterey Bay
	Big Basin State Park	-	0.03	0.03			0.03	Waddell Creek
	Davenport Sewer Maintenance District	0.4	0.04	0.04			0.04	San Vicente Creek
	East Cliff Sanitation District	32.0	2.94	3.30			3.30	Monterey Bay
	Santa Cruz, City of	33.0	6.52	7.32			7.32	Monterey Bay
	Scotta Valley County Water District	5.0	0.12	0.13			0.13	Land Disposal
	Watsonville, City of	23.5	13.40	15.05			15.05	Monterey Bay
HYDROLOGIC STUDY AREA TOTAL		645.5	93.38	104.84	5.12		99.72	
<u>SOUTH COASTAL</u>								
<u>LOS ANGELES</u>								
	Burbank, City of	89.0	4.96	5.57	2.47	Industrial	3.10	Burbank Western Channel
	Crescenta Valley County Water District	1.3	0.09	0.10			0.10	Land Disposal
	La Virgenes Municipal Water District							
	Mulwood Plant	6.0	0.41	0.46			0.46	Land Disposal
	Tapia Plant	30.0	2.11	2.38	0.42	Crop Irrigation	1.96	Land Disposal
	Los Angeles, City of							
	Hyperion Plant	3000.0	331.91	372.94	5.62	Landscape Irrigation	367.32	Pacific Ocean
	Terminal Island Plant	110.0	9.44	10.61			10.61	Pacific Ocean
	Valley Settling Basin	-	0.53	0.59	0.02	Landscape Irrigation	0.57	Sewer to Hyperion
	Los Angeles County Engineering Department							
	Gorman Plant	0.2	0.02	0.02			0.02	Gorman Creek
	Malibu Plant	0.1	0.01	0.01			0.01	Land Disposal
	Trancas Plant	1.0	0.11	0.12			0.12	Land Disposal
	Los Angeles County Mechanical Department							
	Barley Plaza Camp Plant	0.1	0.02	0.02			0.02	Land Disposal
	Camp Afflerbaugh-Paige Plant	0.3	0.03	0.03			0.03	Marshall Creek
	Camp Lake Hughes Plant	0.3	0.03	0.03			0.03	Land Disposal
	Camp Miller-Kilpatrick Plant	0.3	0.04	0.04			0.04	Land Disposal
	Camp Warm Springs Plant	0.3	0.03	0.03			0.03	Land Disposal
	Encinal Canyon Camp Plant	0.1	0.02	0.02			0.02	Land Disposal
	Wayside Honor Rancho Plant	3.0	0.40	0.45			0.45	Land Disposal

TABLE I (CONT.)
MUNICIPAL WASTE WATER PRODUCTION AND RECLAMATION
DURING 1972

HYDROLOGIC STUDY AREA COUNTY	FACILITY	ESTIMATED POPULATION SERVED (1000'S)	AVERAGE DAILY FLOW (MGD)	WASTE WATER PRODUCTION (1000 AF)	RECLAIMED WASTE WATER (1000 AF)	USE OF RECLAIMED WASTE WATER	NET WASTE WATER DISCHARGE (1000 AF)	PLACE OF DISCHARGE
SOUTH COASTAL (continued)								
LOS ANGELES (continued)								
Los Angeles County, County								
Sanitation Districts of								
Joint Water Pollution Control Plant								
		3000.0	356.42	400.34			400.34	Pacific Ocean
	District 21 - Pomonca Plant	148.0	7.93	8.91	0.15	Crop Irrigation	8.76	San Jose Creek
	District 26 - Saugus Plant	35.0	2.83	3.18			3.18	Santa Clara River
	District 28 - La Canada Plant	1.1	0.06	0.07	0.07	Crop Irrigation	-0-	Land Disposal
	District 32 - Valencia Plant	12.0	0.72	0.81			0.81	Santa Clara River
	Los Coyotes Plant	70.0	8.37	9.40			9.40	San Gabriel River
	San Jose Creek Plant (5)	300.0	30.58	34.35			34.35	San Gabriel River
	Whittier Narrows Plant	180.0	15.70	17.63	17.54	Ground Water Recharge	0.09	Land Disposal
ORANGE								
Bree, City of								
		0.4	0.04	0.04			0.04	Carbon Canyon Creek
Cepistrano Beach Sanitary District								
		5.0	0.65	0.73			0.73	Pacific Ocean
Dane Point Sanitary District								
		5.0	0.43	0.48			0.48	Pacific Ocean
Irvine Ranch Water District								
		18.9	1.50	1.69	1.53	Crop Irrigation	0.16	San Canyon Reservoir
Laguna Beach, City of								
		14.2	1.77	1.99			1.99	Pacific Ocean
Loa Alisoa Water District								
		6.2	0.59	0.66	0.66	Crop Irrigation	-0-	Land Disposal
Moulton-Riguell Water District								
		32.0	1.55	1.74	1.74	Landscape Irrigation	-0-	Land Disposal
						Golf Course Irr.		
						Crop Irrigation	0.01	Land Disposal
Orange County Industrial Farm								
		0.1	0.08	0.09	0.08			
Orange County Sanitation Districts								
	Plant No. 1	470.0	48.61	54.62	1.31	Crop Irrigation	53.31	Pacific Ocean
	Plant No. 2	885.0	92.46	103.89			103.89	Pacific Ocean
	San Clemente, City of	18.0	1.64	1.85	1.61	Crop Irrigation	0.24	Pacific Ocean
	San Juan Capistrano, City of	20.0	0.80	0.90			0.90	Pacific Ocean
	Seal Beach, City of	9.2	1.12	1.26			1.26	San Gabriel River
	South Laguna Sanitary District	10.0	1.50	1.68			1.68	Pacific Ocean
RIVERSIDE								
Beaumont, City of								
		6.1	0.44	0.49			0.49	Land Disposal
Corona, City of								
		34.0	2.90	3.25			3.25	Land Disposal
Eastern Municipal Water District								
					1.53	Crop Irrigation	1.00	Land Disposal
Hemet-San Jacinto Plant								
		25.0	2.25	2.53			0.07	Land Disposal
Rancho California Plant								
		0.3	0.06	0.07			0.07	Land Disposal
Sun City Plant								
		6.0	0.40	0.45			0.45	Land Disposal
Sunnyside Plant								
		6.0	0.49	0.55	0.30	Crop Irrigation	0.25	Land Disposal
Murrieta Plant								
		0.5	0.13	0.15			0.15	Land Disposal
Edgewood Community Services District								
		4.5	0.26	0.29	0.29	Crop Irrigation	-0-	Land Disposal
Elsinore, City of								
		4.0	0.25	0.27	0.27	Crop Irrigation	-0-	Land Disposal
Jurupa Community Services District								
		14.0	0.92	1.03			1.03	Santa Ana River
Loma Linda University, Riverside Campus								
		2.0	0.17	0.19	0.19	Crop Irrigation	-0-	Land Disposal
Perris, City of								
		4.2	0.38	0.43	0.05	Crop Irrigation	0.38	Land Disposal
	Riverside, City of	140.0	17.68	19.87			19.87	Santa Ana River
SAN BERNARDINO								
Baker Community Services District								
		0.5	0.12	0.14			0.14	Land Disposal
Big Bear Community Services District								
		2.0	0.47	0.53			0.53	Baldwin Lake
Big Bear Lake Sanitation District								
		6.5	0.49	0.55			0.55	Baldwin Lake
California Institution for Women								
		0.6	0.13	0.14			0.14	Land Disposal
California Institution for Men								
		3.0	0.70	0.79	0.59		0.20	Land Disposal
Chino Basin Municipal Water District								
					0.95	Crop Irrigation	10.90	Santa Ana River
Regional Plant No. 1, Ontario								
		100.0	10.55	11.85			1.43	Land Disposal
Regional Plant No. 2, Chino								
		22.0	2.24	2.52	1.09	Crop Irrigation	1.33	Land Disposal
Fontana Plant								
		22.7	2.18	2.46	1.13	Crop Irrigation	1.61	Santa Ana River
Colton, City of								
		22.0	2.15	2.42	0.81	Crop Irrigation	2.83	Santa Ana River
Redlands, City of								
		36.4	2.51	2.83			2.40	Santa Ana River
Rialto, City of								
		30.0	2.13	2.40				
San Bernardino, City of								
					1.03	Freeway Irrigation	6.68	Santa Ana River
Plant No. 1 ⁽⁵⁾								
		75.0	7.50	7.71 ⁽⁶⁾		Golf Course Irr.	8.20	Santa Ana River
Plant No. 2								
		85.0	8.30	9.32	1.12	Golf Course Irr.	0.02	Land Disposal
San Bernardino, County of, Glen Helen								
Rehabilitation Center Plant								
		0.3	0.02	0.02				
SAN DIEGO								
Borrego Springs Park County								
							0.01	Land Disposal
Water District								
		0.1	0.01	0.01			0.01	Land Disposal
Cuyamaca Rancho State Park								
		0.1	0.01	0.01			0.01	Land Disposal
La Cina Conservation Camp								
		4.2	0.23	0.26			0.26	Land Disposal
Del Mar, City of								
		5.0	0.40	0.45	0.45	Crop Irrigation	-0-	Land Disposal
Encinitas Sanitary District								
		44.5	3.53	3.97			3.97	Escondido Creek
Escondido, City of								
Fallbrook Sanitary District								
					0.04	Crop Irrigation	0.49	Fallbrook Creek
Plant No. 1								
		5.5	0.47	0.53			0.25	Fallbrook Creek
Plant No. 2								
		1.6	0.22	0.25			0.49	Pacific Ocean
Leucadia County Water District								
		6.0	0.52	0.58	0.09	Golf Course Irr.		
Oceanside, City of								
					0.08	Ground Water Recharge	0.51	San Luis Rey River
Buena Vista Plant								
		5.2	0.53	0.59		Crop Irrigation	3.07	San Luis Rey River
La Salina Plant								
		29.6	3.15	3.54	0.47	Ground Water Recharge	1.27	San Luis Rey River
San Luis Rey Plant								
		12.2	1.30	1.46	0.19	Crop Irrigation	0.03	Land Disposal
Pauma Valley Community Services District								
		0.3	0.02	0.03			0.81	Los Penasquitos Creek
Pomerado County Water District								
		13.5	0.85	0.95	0.14	Crop Irrigation	-0-	Land Disposal
Rainbow Municipal Water District								
					0.02	Golf Course Irr.	0.03	Land Disposal
Plant A								
		0.2	0.02	0.02			0.01	Land Disposal
Plant B								
		0.4	0.03	0.03				
Plant C								
		0.1	0.01	0.01				

(5) Includes District No. 22 - Azusa Plant and Lucky Lager Plant.

(6) Plant stopped operating November 30, 1972. All waste water now treated at Plant No. 2

TABLE I (CONT.)
MUNICIPAL WASTE WATER PRODUCTION AND RECLAMATION
DURING 1972

HYDROLOGIC STUDY AREA COUNTY	FACILITY	ESTIMATED POPULATION SERVED (1000'S)	AVERAGE DAILY FLOW (MGD)	WASTE WATER PRODUCTION (1000 AF)	RECLAIMED WASTE WATER (1000 AF)	USE OF RECLAIMED WASTE WATER	NET WASTE WATER DISCHARGE (1000 AF)	PLACE OF DISCHARGE
SOUTH COASTAL (continued)								
SAN DIEGO (continued)								
San Diego, City of								
Brown Field Plant(7)		0.6	0.06	0.03(7)			0.03	Land Disposal
Callan Plant(7)		4.2	0.43	0.24(7)	0.08	Crop Irrigation	0.16	Land Disposal
Point Loma Plant		1200.0	88.32	99.23			99.23	Pacific Ocean
Rancho Bernardo Plant		12.0	1.04	1.17	1.17	Crop Irrigation	-0-	Land Disposal
Sorrento Plant(7)		12.3	1.30	0.72(7)			0.72	Sorrento Valley
San Diego, County of								
Alpine Sanitation District Plant		1.5	0.06	0.07			0.07	Land Disposal
Whispering Palms Sanitation Dist. Plant		0.5	0.03	0.03			0.03	San Dieguito River
Encine Plant(8)		44.5	4.90	5.51			5.51	Pacific Ocean
Julian Sanitation District Plant		0.2	0.01	0.01			0.01	Coleman Creek
Lakeside Sanitation District Plant		9.8	1.03	1.16			1.16	San Diego River
Ramona Sanitation District Plant		1.5	0.15	0.16			0.16	Santa Maria Creek
Rancho Del Campo Plant		0.4	0.03	0.03			0.03	Land Disposal
Rancho Santa Fe Sanitation District Plant		0.8	0.09	0.10			0.10	San Dieguito River
San Elijo Plant		14.4	1.25	1.41			1.41	Pacific Ocean
Viejas Honor Camp Plant		0.2	0.02	0.02	0.02	Crop Irrigation	-0-	Land Disposal
Santee County Water District		30.0	1.95	2.21	0.71	Recreational Lakes	1.50	Sycamore Canyon
Valley Center Municipal Water District		0.1	0.01	0.01			0.01	Land Disposal
VENTURA								
Camarillo Sanitary District		27.5	2.28	2.57	2.43	Crop Irrigation	0.14	Calleguas Creek
Camarillo State Hospital		3.7	0.18	0.20	0.20	Crop Irrigation	-0-	Land Disposal
Fillmore, City of		7.0	0.56	0.63			0.63	Santa Clara River
Montalvo Municipal Improvement District		2.0	0.08	0.09			0.09	Santa Clara River
Oakview Sanitary District		23.0	1.38	1.55			1.55	Ventura River
Oxnard, City of		83.0	10.23	11.50			11.50	Pacific Ocean
Port Hueneuse Sanitary District		25.0	3.19	3.58			3.58	Pacific Ocean
San Buenaventura, City of								
Eastside Plant		30.3	3.39	3.81	1.18	Landscape Irrigation	2.63	Land Disposal
Seaside Plant		15.0	1.71	1.92			1.92	Pacific Ocean
Santa Paula, City of		18.3	1.70	1.91	0.01	Crop Irrigation	1.90	Santa Clara River
Satcoy Sanitary District		1.5	0.11	0.12			0.12	Santa Clara River
Simi Valley County Sanitation District(9)		30.0	2.50	2.81			2.81	Land Disposal
Thousand Oaks, City of								
Hill Canyon Plant		56.0	4.56	5.05			5.05	Arroyo Conejo Creek
Olsen Road Plant		0.8	0.11	0.13	0.13	Golf Course Irr.	-0-	Land Disposal
HYDROLOGIC STUDY AREA TOTAL		10909.3	1133.68	1273.65	49.98		1223.67	
SACRAMENTO BASIN								
BUTTE								
Biggs, City of		1.2	0.15	0.17			0.17	Butte Creek
Butte County Housing Authority		0.8	0.04	0.04			0.04	Land Disposal
Butte County Service Area No. 21		0.1	0.01	0.01			0.01	Land Disposal
Chico, City of		20.0	2.00	2.24	1.22	Crop Irrigation	1.02	Sacramento River
Gridley, City of		3.6	1.70	1.91			1.91	Land Disposal
North Burbank Public Utility District		6.0	0.26	0.29			0.29	Land Disposal
Oroville, City of		7.1	1.44	1.62			1.62	Land Disposal
Richvale Sanitation District		0.3	0.04	0.04			0.04	Land Disposal
COLUSA								
Arbuckle Public Utility District		1.0	0.15	0.17			0.17	Land Disposal
Colusa, City of		3.8	0.48	0.54			0.54	Powell Slough
Maxwell Public Utility District		0.9	0.20	0.22			0.22	Lurline Creek
Williams, City of		1.6	0.16	0.18			0.18	East Side Canal
EL DORADO								
El Dorado Irrigation District County Sanitation District								
No. 1, Camino Heights Plant		0.1	0.01	0.01			0.01	Weber Creek
No. 2, Diamond Springs Plant		1.9	0.24	0.27			0.27	Slate Creek
Cameron Park Plant		2.3	0.25	0.28			0.28	Deer Creek
El Dorado Hills Plant		1.9	0.40	0.45			0.45	Carson Creek
Ponderosa Heights Plant		0.4	0.01	0.01			0.01	Kelly Creek
Placerville, City of		5.5	1.50	1.68			1.68	Hangtown Creek
GLENN								
Hamilton Community Services District		1.0	0.15	0.17			0.17	Land Disposal
Orland, City of		3.8	0.40	0.45			0.45	Land Disposal
Willows, City of		4.4	0.80	0.89	0.54	Crop Irrigation	0.35	Colusa Basin Drain
LAKE								
Clearlake Oaks County Water District		1.5	0.18	0.20			0.20	Land Disposal
Kelseyville County Water District		0.8	0.08	0.09			0.09	Kelsey Creek
Lakeport, City of, Municipal Service Dist.								
Plant No. 1		2.4	0.30	0.34	0.14	Crop Irrigation	0.20	Land Disposal
Plant No. 2		1.5	0.18	0.21			0.21	Land Disposal
MODOC								
Alturas, City of		3.5	0.45	0.50			0.50	Pit River
NAPA								
Napa-Berryessa Improvement District		0.1	0.01	0.01			0.01	Land Disposal
Spanish Flat Water District		0.2	0.03	0.03			0.03	Land Disposal
NEVADA								
Grass Valley, City of		5.5	1.16	1.30			1.30	Wolf Creek
Nevada City, City of		2.5(10)	0.66	0.74			0.74	Deer Creek
Nevada Union High School		1.8	0.01	0.01			0.01	Deer Creek

(7) Plant closed June 1972. Waste water is now treated at Point Loma Plant.

(8) Includes San Marcos County Water District Plant which closed.

(9) Formerly, Sanitation, Inc., Simi.

(10) School year student population.

TABLE I (CONT.)
MUNICIPAL WASTE WATER PRODUCTION AND RECLAMATION
DURING 1972

HYDROLOGIC STUDY AREA COUNTY	FACILITY	ESTIMATED POPULATION SERVED (1000'S)	AVERAGE DAILY FLOW (MGD)	WASTE WATER PRODUCTION (1000 AF)	RECLAIMED WASTE WATER (1000 AF)	USE OF RECLAIMED WASTE WATER	NET WASTE WATER DISCHARGE (1000 AF)	PLACE OF DISCHARGE
<u>SACRAMENTO BASIN (continued)</u>								
<u>PLACER</u>								
	Auburn, City of	6.8	1.25	1.40			1.40	Auburn Ravine
	Colfax, City of	0.9	0.13	0.15			0.15	Land Disposal
	DeWitt Center (11)	1.5 (11)	0.13 (11)	0.15			0.15	Auburn Ravine
	Lincoln, City of	3.2	0.40	0.45			0.45	Auburn Ravine
	Newcastle Sanitary District	0.5	0.05	0.06			0.06	Secret Ravine
	Placer County Sanitary District							
	Sewer Maintenance District No. 1 Plant	4.8	0.29	0.33			0.33	Rock Creek
	Sewer Maintenance District No. 2 Plant	1.9	0.16	0.18			0.18	Linda Creek
	Sewer Maintenance District No. 3 Plant	0.8	0.04	0.04			0.04	Miner Ravine
	Rocklin-Loomis Municipal Utility District							
	Antelope Creek Plant	6.0	0.58	0.65			0.65	Antelope Creek
	Ground Cow Restaurant Plant	0.1	0.01	0.01			0.01	Land Disposal
	Rogersdale Pond Plant	0.2	0.03	0.03			0.03	Strap Ravine
	Roseville, City of	20.0	2.97	3.34			3.34	Linda Creek
	Sierra Lakea County Water District	0.9	0.42	0.47			0.47	Land Disposal
<u>PLUMAS</u>								
	Chester Sanitary District	1.8	0.49	0.55			0.55	Land Disposal
	Greenville Sewage District	1.5	0.15	0.17			0.17	Land Disposal
	Portola, City of	1.8	0.18	0.20			0.20	Land Disposal
	Quincy Sanitary District	3.0	0.68	0.76	0.31	Crop Irrigation	0.45	Land Disposal
<u>SACRAMENTO</u>								
	Polsom, City of	8.5	0.44	0.49			0.49	American River
	Polsom State Prison	2.3	0.87	0.98			0.98	American River
	Rio Cosumnes Correctional Center	0.6	0.12	0.13			0.13	Land Disposal
	Rio Linda County Water District	5.0	0.50	0.56			0.56	Linda Creek
	Sacramento, County of							
	Arden Plant	47.5	6.02	6.76			6.76	American River
	Arden Gold Plant	3.0	0.22	0.25			0.25	American River
	Cordova Plant	26.0	1.85	2.08			2.08	American River
	Highland Estates Plant	2.6	0.28	0.31			0.31	Linda Creek
	Linwood Plant	0.3	0.03	0.03			0.03	Land Disposal
	Manlove Plant	3.0	0.38	0.43			0.43	Morrison Creek
	Natomas Plant	10.0	1.11	1.25			1.25	Sacramento River
	Northeast Plant	153.0	12.76	14.33			14.33	American River
	North Highlands Plant	26.2	1.93	2.17			2.17	Magpie Creek
	Sabre City Plant	0.3	0.03	0.03			0.03	Linda Creek
	Sacramento County Probation Department							
	Boys Ranch	0.1	0.01	0.01			0.01	Carson Creek
	Sacramento Metropolitan Airport	0.6	0.06	0.07			0.07	Sacramento River
<u>SHASTA</u>								
	Anderson, City of	5.4	2.00	2.24			2.24	Sacramento River
	Redding, City of							
	Clear Creek Plant	19.0	3.60	4.03			4.03	Sacramento River
	Twin View Plant	2.8	0.25	0.28			0.28	Land Discharge
	Enterprise Public Utility District	12.0	1.10	1.23			1.23	Churn Creek
	Shasta College	3.9	0.39	0.51	0.22	Crop Irrigation	0.29	Stillwater Creek
<u>SIERRA</u>								
	Loyalton, City of	0.9	0.48	0.54			0.54	Land Disposal
<u>SISKIYOU</u>								
	Dunsmuir, City of	3.0	0.45	0.50			0.50	Sacramento River
	McCloud, City of	2.2	0.23	0.26			0.26	Land Disposal
	Mt. Shasta-Siskiyou Flood Control District	2.3	0.40	0.44			0.44	Sacramento River
<u>SUTTER</u>								
	Live Oak, City of	2.6	0.26	0.29			0.29	Reclamation No. 777
	Sutter County Housing Authority	0.9	0.07	0.08			0.08	Drain Ditch
	Yuba City, City of	14.0	1.65	1.85			1.85	Land Disposal
<u>TEHAMA</u>								
	Corning, City of	3.8	0.45	0.50	0.10	Crop Irrigation	0.40	Sacramento River
	Red Bluff, City of	8.0	1.50	1.68			1.68	Sacramento River
	Red Bluff North Bound Road Rest Area	0.2	0.02	0.02			0.02	Land Disposal
<u>YOLO</u>								
	Esparto Sanitary District	1.4	0.14	0.16			0.16	Land Disposal
	Madison Community Service District	0.4	0.04	0.04			0.04	Land Disposal
	Winters, City of	2.6	0.28	0.31			0.31	Land Disposal
	Woodland, City of,							
	All Plants	23.8	4.74	5.32	2.40	Crop Irrigation	2.92	Land Disposal
	Yolo County Housing Authority	0.4	0.04	0.04			0.04	and Tule Canal
<u>YUBA</u>								
	Linda County Water District	10.0	0.87	0.98			0.98	Land Disposal
	Marysville, City of	10.0	1.33	1.49			1.49	Land Disposal
	Olivehurst Public Utility District	8.8	0.70	0.79			0.79	Bear River
	Wheatland, City of	2.6	0.15	0.17			0.17	Land Disposal
HYDROLOGIC STUDY AREA TOTAL		575.6	69.16	77.64	4.93		72.71	
<u>DELTA-CENTRAL SIERRA</u>								
<u>AMADOR</u>								
	Ione, City of	2.0	0.14	0.16			0.16	Sutter Creek
	Jackson, City of	2.2	0.56	0.63			0.63	Jackson Creek
	Pine Grove, California Youth Authority	0.1	0.02	0.02			0.02	Sutter Creek
	Plymouth, City of	1.0	0.10	0.11			0.11	Land Disposal
	Preston School of Industry, California							
	Youth Authority	1.2	0.12	0.13			0.13	Dry Creek
	Butter Creek, City of	1.6	0.29	0.33			0.33	Sutter Creek

(11) Formerly DeWitt State Hospital which closed in May 1972. Estimated population served and average daily flow are prorated for full year. Plant operated as DeWitt State Hospital from January-May and as DeWitt Center from June-December 1972.

TABLE I (CONT.)
MUNICIPAL WASTE WATER PRODUCTION AND RECLAMATION
DURING 1972

HYDROLOGIC STUDY AREA COUNTY FACILITY	ESTIMATED POPULATION SERVED (1000'S)	AVERAGE DAILY FLOW (MGD)	WASTE WATER PRODUCTION (1000 AF)	RECLAIMED WASTE WATER (1000 AF)	USE OF RECLAIMED WASTE WATER	NET WASTE WATER DISCHARGE (1000 AF)	PLACE OF DISCHARGE
DELTA-CENTRAL SIERRA (continued)							
CALAVERAS							
Calaveras State Park	0.8	0.05	0.06			0.06	San Antonio Creek
Mokelumne Hill Sanitary District	0.5	0.06	0.07	0.04	Crop Irrigation	0.03	Mokelumne River
San Andreas Sanitary District	2.4	0.16	0.18			0.18	San Andreas Creek
Valley Springs Sanitary District	1.0	0.08	0.08			0.08	Cosgrove Creek
CONTRA COSTA							
Antioch, City of	31.0	2.51	2.82			2.82	San Joaquin River
Brentwood, City of	3.2	0.26	0.29	0.29	Crop Irrigation	-0-	Land Disposal
Bryon Sanitary District	1.3	0.13	0.15			0.15	Land Disposal
Oakley Sanitary District	1.5	0.15	0.17			0.17	San Joaquin River
Pittsburg, City of							
Camp Stoneman Plant	5.0	0.35	0.39			0.39	Sacramento River
Montezuma Plant	22.5	1.56	1.75			1.75	Sacramento River
SACRAMENTO							
Elk Grove Sanitary District	3.0	0.30	0.34			0.34	Laguna Creek
Galt, City of	3.7	0.40	0.45			0.45	Deadman Gulch
Isleton, City of (12)	0.9	0.19	0.14			0.14	Sacramento River
Sacramento, City of							
Main Plant	215.0	49.10	55.15			55.15	Sacramento River
Meadowview Plant	10.0	1.46	1.64			1.64	Sacramento River
Sacramento County of							
Central Plant	105.0	13.50	15.16			15.16	Sacramento River
Walnut Grove Plant	0.8	0.62	0.70			0.70	Snodgrass Slough
SAN JOAQUIN							
Deuel Vocational Institute	2.0	0.21	0.24			0.24	Land Disposal
Escalon, City of	2.5	1.61(13)	1.81(13)			1.81	Land Disposal
Linden County Water District	0.6	0.04	0.04			0.04	Land Disposal
Lockeford Sanitary District	0.8	0.04	0.04			0.04	Bear Creek
Lodi, City of	30.0	4.69	5.27	3.26	Crop Irrigation	2.01	White Slough
Manteca, City of	16.2	1.32	1.48	1.48	Crop Irrigation	-0-	Land Disposal
Ripon, City of	2.8	1.53(14)	1.72(14)			1.72	Land Disposal
San Joaquin County of							
Hospital Plant	3.5	0.50	0.56	0.56	Crop Irrigation	-0-	Land Disposal
Housing Authority Plant	0.3	0.01	0.01			0.01	Land Disposal
Migrant Camp Plant	0.5	0.01	0.01			0.01	Land Disposal
Stockton, City of							
Main Plant	115.0	17.40	19.54			19.54	San Joaquin River
North Plant	20.0	1.51	1.70			1.70	Fourteen Mile Slough
Tracy, City of							
Main Plant	15.1	1.61	1.81			1.81	Sugar Cut Canal
Industrial Waste Plant	-	0.89	1.00			1.00	Sugar Cut Canal
Utilities Maintenance District							
Lincoln Village Plant	15.8	1.34	1.50			1.50	Fourteen Mile Slough
Raymus Village Plant	0.5	0.03	0.03			0.03	Land Disposal
Woodbridge Sanitary District	1.4	0.15	0.17			0.17	Land Disposal
SOLANO							
California Medical Facility, Vacaville	2.8	0.50	0.56	0.56	Crop Irrigation	-0-	Land Disposal
Dixon, City of	5.0	0.50	0.56			0.56	Land Disposal
Dixon Housing Authority	0.5	0.05	0.06			0.06	Land Disposal
Rio Vista, City of	3.3	0.47	0.53			0.53	Sacramento River
Vacaville, City of							
Brown Street Plant	3.0	0.72	0.82	0.82	Crop Irrigation	-0-	Land Disposal
East Plant	15.0	2.55	2.86	2.86	Crop Irrigation	-0-	Land Disposal
Food Plant	-	0.04	0.04	0.04	Crop Irrigation	-0-	Land Disposal
YOLO							
Davis, City of							
Central Plant	26.0	2.50	2.81			2.81	Willow Slough Bypass
El Macero Plant	2.5	0.25	0.28			0.28	Willow Slough
Davis Community Hospital	0.1	0.01	0.01			0.01	Land Disposal
University of California, Davis							
Main Plant	19.0	1.39	1.56			1.56	Putah Creek
Primate Plant	-	0.04	0.04			0.04	Putah Creek
West Sacramento Sanitary District	25.0	3.21	3.61			3.61	Sacramento River
HYDROLOGIC STUDY AREA TOTAL							
	899.1	117.16	131.59	9.91		121.68	
SAN JOAQUIN BASIN							
CALAVERAS							
Altaville Sanitary District	0.8	0.10	0.11			0.11	Cherokee Creek
Angels, City of	1.8	0.48	0.54	0.54	Crop Irrigation	-0-	Land Disposal
Murphys Sanitary District	1.0	0.09	0.10	0.10	Crop Irrigation	-0-	Land Disposal
MADERA							
Chowchilla, City of	6.0	0.80	0.90	0.90	Crop Irrigation	-0-	Land Disposal
Gold Side Estates	0.8	0.08	0.09			0.09	Land Disposal
Madera, City of	22.8	3.00	3.37			3.37	Land Disposal
Madera County Maintenance District							
No. 6 Plant	0.1	0.01	0.01			0.01	Land Disposal
No. 8 Plant	0.2	0.02	0.02			0.02	Land Disposal
No. 19 Plant	1.0	0.10	0.11			0.11	Land Disposal
No. 22 Plant	1.5	0.15	0.17			0.17	Land Disposal
Madera County Service Area No. 2	10.0	1.00	0.12	0.12	Crop Irrigation	-0-	Land Disposal
Waterloo Conservation Facilities	0.1	0.01	0.01			0.01	Land Disposal
MARIPOSA							
Barrett Cove Recreation Area	1.2	0.04	0.05			0.05	Land Disposal
Coulterville County Service Area No. 1	3.5	0.30	0.34			0.34	Land Disposal
Horseshoe Bend Recreation Area	0.5	0.02	0.02			0.02	Land Disposal
Mariposa Public Utility District	1.1	0.05	0.06			0.06	Mariposa Creek

(12) Plant inundated June 27, 1972 and records were lost, flow estimated. Plant reopened October 1972.

(13) Includes 1.39 MGD (1560 AF) of industrial waste flow.

(14) Includes 1.23 MGD (1381 AF) of industrial waste flow.

TABLE I (CONT.)
MUNICIPAL WASTE WATER PRODUCTION AND RECLAMATION
DURING 1972

HYDROLOGIC STUDY AREA COUNTY	FACILITY	ESTIMATED POPULATION SERVED (1000'S)	AVERAGE DAILY FLOW PRODUCTION (MGD)	WASTE WATER PRODUCTION (1000 AF)	RECLAIMED WASTE WATER (1000 AF)	USE OF RECLAIMED WASTE WATER	NET WASTE WATER DISCHARGE (1000 AF)	PLACE OF DISCHARGE
SAN JOAQUIN BASIN (continued)								
MERCED								
	Atwater, City of	8.8	5.10	5.73	5.73	Crop Irrigation	-0-	Land Disposal
	Delhi County Water District	2.1	0.21	0.24			0.24	Land Disposal
	Dos Palos, City of	2.7	0.40	0.45			0.45	Land Disposal
	Franklin County Water District	1.5	0.15	0.17			0.17	Land Disposal
	Gustine, City of	3.3	0.35	0.39	0.39	Crop Irrigation	-0-	Land Disposal
	Hillmar County Water District	3.0	0.30	0.34			0.34	Land Disposal
	Le Grand Sanitary District	1.0	0.10	0.11			0.11	Land Disposal
	Livingston, City of							
	Main Plant	2.8	0.30	0.34			0.34	Land Disposal
	Industrial Wastewater Plant	-	1.00	1.12			1.12	Land Disposal
	Los Banos, City of	10.0	1.00	1.12	1.12	Crop Irrigation	-0-	Land Disposal
	Merced, City of	26.0	7.87	8.84	8.84	Crop Irrigation	-0-	Land Disposal
	Merced County Rehabilitation Center	0.2	0.02	0.02			0.02	Land Disposal
	Planada Sanitary District	2.0	0.31	0.35	0.35	Crop Irrigation	-0-	Land Disposal
	Ponache Roadside Rest	-	0.03	0.03			0.03	Land Disposal
	Santa Nella Community Water District	0.3	0.03	0.03			0.03	Land Disposal
	Winton Sanitary District	5.0	0.47	0.53	0.53	Crop Irrigation	-0-	Land Disposal
STANISLAUS								
	Ceres, City of	6.1	0.98	1.10			1.10	Land Disposal
	Hughson Sanitary District	2.5	0.27	0.30			0.30	Tuolumne River
	Modesto, City of	45.0	11.25	12.64			12.64	Tuolumne River
	Newman, City of	3.0	0.89	1.00			1.00	San Joaquin River
	Oskdale, City of	7.3	1.15	1.29			1.29	Land Disposal
	Patterson, City of	3.2	0.36	0.40	0.10	Crop Irrigation	0.30	San Joaquin River
	Riverbank, City of	6.0	2.65	2.98			2.98	Stanislaus River
	Salida Sanitary District	2.0	0.60	0.67			0.67	Stanislaus River
	Turlock, City of	15.7	1.40	1.57	0.80	Crop Irrigation	0.77	Hodges Drain
	Waterford Community Services District	2.2	0.23	0.26			0.26	Tuolumne River
	Westley Farm Labor Center	0.7	0.10	0.11			0.11	Land Disposal
TUOLUMNE								
	Columbia Junior College	0.3	0.03	0.03			0.03	Land Disposal
	Columbia State Park	1.4	0.08	0.09			0.09	Land Disposal
	Jamestown Sanitary District	1.3	0.10	0.11			0.11	Woods Creek
	Moccasin Powerhouse, Hetch Hetchy							
	Water and Power	0.3	0.03	0.03	0.03	Crop Irrigation	-0-	Land Disposal
	Mono Village Water District	0.3	0.03	0.03			0.03	Land Disposal
	Sonora, City of	3.1	0.30	0.34			0.34	Wood Creek
	Tuolumne City Sanitary District	1.0	0.10	0.11			0.11	Turnback Creek
	Tuolumne County Water District							
	No. 1 Plant	2.0	0.20	0.22			0.22	Land Disposal
	No. 2 Plant	33.0	5.00	5.62	5.62	Crop Irrigation	-0-	Land Disposal
	HYDROLOGIC STUDY AREA TOTAL	257.3	49.64	55.73	26.17		29.56	
TULARE BASIN								
FRESNO								
	Big Creek No. 3 Hydroelectric Plant							
	and Village	0.1	0.02	0.02			0.02	Land Disposal
	Biola Community Services District	0.7	0.04	0.04			0.04	Land Disposal
	Caruthers Community Services District	1.0	0.15	0.17			0.17	Land Disposal
	Coalinga, City of	6.0	0.71	0.80			0.80	Land Disposal
	Del Rey Community Services District	1.0	0.20	0.22	0.22	Crop Irrigation	-0-	Land Disposal
	Pirebaugh, City of	2.9	0.30	0.34			0.34	Land Disposal
	Fowler, City of (15)	2.0	0.25	0.28	0.28	Crop Irrigation	-0-	Land Disposal
	Fresno, City of	195.0	34.00	38.19	6.10	Crop Irrigation	32.09	Land Disposal
	Fresno County Industrial Farm No. 1	0.2	0.02	0.02	0.02	Crop Irrigation	-0-	Land Disposal
	Fresno County Water District							
	No. 18 Plant	0.3	0.03	0.03			0.03	Land Disposal
	No. 38 Plant	0.1	0.01	0.01			0.01	Land Disposal
	Huron, City of	1.5	0.40	0.45	0.34	Crop Irrigation	0.11	Land Disposal
	Kerman, City of	2.7	0.30	0.34	0.34	Crop Irrigation	-0-	Land Disposal
	Kingsburg, City of (16)	4.0	0.50	0.56			0.56	Land Disposal
	Malaga County Water District	7.0	0.53	0.60			0.60	Land Disposal
	Mendota, City of	2.7	0.32	0.36			0.36	Land Disposal
	New Auberry Water Association	0.4	0.02	0.02			0.02	Land Disposal
	Orange Cove, City of	3.9	0.53	0.60			0.60	Land Disposal
	Parlier, City of	2.0	0.09	0.10	0.10	Crop Irrigation	-0-	Land Disposal
	Pinedale County Water District	4.5	0.25	0.28			0.28	Land Disposal
	Pinedale Public Utility District	0.2	0.02	0.02			0.02	Land Disposal
	Reedley, City of	8.0	1.20	1.35	0.50	Crop Irrigation	0.85	Land Disposal
	Riverdale Public Utility District	1.9	0.20	0.22	0.15	Crop Irrigation	0.07	Land Disposal
	Sanger, City of	10.1	2.49	2.80			2.80	Land Disposal
	San Joaquin, City of	1.5	0.17	0.19			0.19	Land Disposal
	Selma, City of (17)	8.0	1.00	1.12	0.80	Crop Irrigation	0.32	Land Disposal
	Tranquility Public Utility District	1.2	0.06	0.07			0.07	Land Disposal
	West Parlier Community Services District	2.0	0.20	0.22			0.22	Land Disposal
KERN								
	Arvin Sanitary District	5.1	0.43	0.48	0.48	Crop Irrigation	-0-	Land Disposal
	Bakersfield, City of							
	Plant No. 1	34.0	3.64	4.20	2.10	Crop Irrigation	2.10	Land Disposal
	Plant No. 2	66.0	7.66	8.60	4.30	Crop Irrigation	4.30	Land Disposal
	Plant No. 3	3.0	0.98	1.10	0.60	Crop Irrigation	0.50	Land Disposal
	Buttonwillow County Water District	1.2	0.13	0.15			0.15	Land Disposal
	Buttonwillow Roadside Rest Area	-	0.02	0.02			0.02	Land Disposal
	Delano, City of	15.0	2.32	2.61	1.30	Crop Irrigation	1.31	Land Disposal
	Kern County Industrial Farm	0.3	0.04	0.04	0.04	Crop Irrigation	-0-	Land Disposal
	Kern County Service Area No. 39	4.0	0.90	1.01	1.01	Crop Irrigation	-0-	Land Disposal
	Kern River State Park	-	0.04	0.04			0.04	Land Disposal

(15) Data for 1971 erroneously included with Selma.

(16) Data for 1971 Fowler, City of 2.0 0.25 0.28 0.28 Crop Irrigation -0- Land Disposal

(17) Data for 1971 Kingsburg, City of 4.0 0.50 0.56 0.56 Land Disposal

(17) Data for 1971 erroneously included Cities of Fowler & Kingsburg. Data for 1971 Selma, City of 8.0 1.00 1.12 0.80 Crop Irrigation 0.32 Land Disposal

TABLE I (CONT.)
MUNICIPAL WASTE WATER PRODUCTION AND RECLAMATION
DURING 1972

HYDROLOGIC STUDY AREA COUNTY	FACILITY	ESTIMATED POPULATION SERVED (1000'S)	AVERAGE DAILY FLOW (MGD)	WASTE WATER PRODUCTION (1000 AF)	RECLAIMED WASTE WATER (1000 AF)	USE OF RECLAIMED WASTE WATER	NET WASTE WATER DISCHARGE (1000 AF)	PLACE OF DISCHARGE
TULARE BASIN (continued)								
KERN (continued)								
	Lamont Public Utility District	9.0	0.53	0.60	0.60	Crop Irrigation	-0-	Land Disposal
	Maricopa, City of	0.7	0.20	0.22	0.22	Crop Irrigation	-0-	Land Disposal
	McFarland, City of	5.0	0.32	0.36	0.36	Crop Irrigation	-0-	Land Disposal
	Mt. Vernon County Sanitary District	34.0	3.83	4.30	2.20	Crop Irrigation	2.10	Land Disposal
	North of River Sanitary District No. 1	25.0	2.33	2.62	2.62	Crop Irrigation	-0-	Land Disposal
	Shafter-Kern County Airport	0.6	0.08	0.09	0.03	Crop Irrigation	0.06	Land Disposal
	Shafter, City of	5.8	1.60	1.80	0.90	Crop Irrigation	0.90	Land Disposal
	Taft, City of - Joint Sewage Project(18)	10.0	0.89	1.00	0.50	Crop Irrigation	0.50	Sandy Creek
	Tehachapi, City of	4.2	0.75	0.84	0.84	Crop Irrigation	-0-	Land Disposal
	Tehachapi State Correctional Institution	2.1	0.25	0.28	0.28	Crop Irrigation	-0-	Land Disposal
	Wasco Public Utility District	9.0	0.81	0.91	0.46	Crop Irrigation	0.45	Land Disposal
KINGS								
	Armona, City of	1.6	0.25	0.28	0.28	Crop Irrigation	-0-	Land Disposal
	Avenal County Sanitation District	4.5	0.72	0.81	0.41	Crop Irrigation	0.40	Land Disposal
	Corcoran, City of	5.3	0.80	0.90	0.40	Crop Irrigation	0.50	Land Disposal
	Hanford, City of	15.0	1.80	2.02	1.42	Crop Irrigation	0.60	Land Disposal
	Lemoore, City of	4.2	1.03	1.16	0.66	Crop Irrigation	0.50	Land Disposal
	Stratford Public Utility District	0.9	0.15	0.17	0.17	Crop Irrigation	-0-	Land Disposal
TULARE								
	Cutler Public Utility District	2.5	0.13	0.15	0.15	Crop Irrigation	-0-	Land Disposal
	Dinuba, City of	8.0	2.22	2.61	2.00	Crop Irrigation	0.61	Land Disposal
	Earlimart Public Utility District	3.1	1.00	1.12	1.12	Crop Irrigation	-0-	Land Disposal
	El Mirador Resource Conservation District	4.6	0.79	0.88	0.88	Ground Water Recharge	-0-	Land Disposal
	Exeter, City of	4.5	0.61	0.69	0.69	Crop Irrigation	-0-	Land Disposal
	Farmersville, City of	4.5	0.50	0.56	0.52	Crop Irrigation	0.04	Land Disposal
	Ivanhoe Public Utility District	2.8	0.28	0.31	0.31	Crop Irrigation	-0-	Land Disposal
	Lemon Cove Sanitary District	0.6	0.03	0.03			0.03	Land Disposal
	Lindsay, City of	8.0	0.75	0.84	0.10	Crop Irrigation	0.74	Land Disposal
	Lodge Pole Recreation Area	-	0.04	0.04			0.04	Land Disposal
	London Community Services District	1.0	0.10	0.11			0.11	Land Disposal
	Mountain Home Conservation Camp	0.1	0.01	0.01			0.01	Land Disposal
	Pixley Public Utility District	1.5	0.15	0.17	0.17	Crop Irrigation	-0-	Land Disposal
	Porterville, City of	11.0	1.53	1.72	0.60	Crop Irrigation	1.12	Land Disposal
	Porterville State Hospital	3.0	0.30	0.34			0.34	Land Disposal
	Springville County Hospital	0.3	0.04	0.04			0.04	Land Disposal
	Springville Public Utility District	1.0	0.05	0.06			0.06	Land Disposal
	Strathmore Public Utility District	2.0	0.15	0.17	0.03	Crop Irrigation	0.14	Land Disposal
	Terra Bella Sanitary District	1.1	0.08	0.09	0.05	Crop Irrigation	0.04	Land Disposal
	Tipton Community Services District	1.2	0.14	0.16	0.16	Crop Irrigation	-0-	Land Disposal
	Tulare, City of	16.2	3.50	3.93	2.00	Crop Irrigation	1.93	Land Disposal
	Tulare, County of							
	Sequoia Home Plant	0.3	0.03	0.03	0.03	Crop Irrigation	-0-	Land Disposal
	Woodville Farm Labor Camp Plant	0.8	0.08	0.09			0.09	Land Disposal
	Visalia, City of	27.0	5.12	5.75	2.80	Crop Irrigation	2.95	Land Disposal
	Woodlake, City of	4.0	0.80	0.90	0.45	Crop Irrigation	0.45	Land Disposal
	Woodville Public Utility District	1.0	0.12	0.13			0.13	Land Disposal
HYDROLOGIC STUDY AREA TOTAL		646.5	95.06	106.96	43.09		63.87	
NORTH LAHONTAN								
ALPINE								
	Markleeville Public Utility District	0.2	0.01	0.01			0.01	Land Disposal
EL DORADO								
	South Tahoe Public Utility District	22.0	2.76	3.10	3.10	Crop Irrigation	-0-	Indian Creek
LASSEN								
	Susanville Consolidated Sanitary District	7.0	1.51	1.70	0.51	Crop Irrigation	1.19	Jenson Slough
	Susanville State Conservation Center	1.2	0.24	0.27			0.27	Land Disposal
MONO								
	Bridgeport Public Utility District	0.4	0.20	0.22			0.22	Land Disposal
NEVADA								
	Truckee Sanitary District	3.4	0.30	0.34			0.34	Land Disposal
PLACER								
	Alpine County Water District	0.3	0.03	0.03			0.03	Land Disposal
	Squaw Valley County Water District							
	Papoose Plant	0.1	0.01	0.01			0.01	Land Disposal
	Valley View Plant	0.1	0.01	0.01			0.01	Land Disposal
	Squaw Valley State Recreation Area	-	0.10	0.11			0.11	Land Disposal
	Tahoe City Public Utility District	20.0	1.48	1.66			1.66	Land Disposal
HYDROLOGIC STUDY AREA TOTAL		54.7	6.65	7.46	3.61		3.85	
SOUTH LAHONTAN								
INYO								
	Bishop, City of	3.5	1.40	1.57	0.94	Crop Irrigation	0.63	Land Disposal
	Lone Pine Community Services District	2.5	0.13	0.14			0.14	Land Disposal
	Los Angeles, City of, Department of Water and Power, Independence Plant	0.6	0.07	0.08			0.08	Land Disposal
KERN								
	California City, City of	0.3	0.03	0.03			0.03	Land Disposal
	Inyo-Kern Sanitary District	0.3	0.02	0.02			0.02	Land Disposal
	Mojeve Public Utility District	2.0	0.18	0.20	0.20	Crop Irrigation	-0-	Land Disposal
	Ridgecrest, City of	9.5	0.80	0.90	0.90	Crop Irrigation	-0-	Land Disposal

(18) Includes City of Taft and Taft Heights and Ford City Sanitation Districts.

TABLE I (CONT.)
MUNICIPAL WASTE WATER PRODUCTION AND RECLAMATION
DURING 1972

HYDROLOGIC STUDY AREA		ESTIMATED	AVERAGE	WASTE WATER	RECLAIMED	USE OF	NET WASTE	PLACE OF DISCHARGE
COUNTY	FACILITY	POPULATION SERVED (1000'S)	DAILY FLOW (MGD)	PRODUCTION (1000 AF)	WASTE WATER (1000 AF)	RECLAIMED WASTE WATER	WATER DISCHARGE (1000 AF)	
<u>SOUTH LAHONTAN (continued)</u>								
LOS ANGELES								
Los Angeles County,								
Sanitation Districts of,								
District 14 - Lancaster Plant		40.3	3.58	4.03	0.41	Recreation Lakes	3.62	Land Disposal
District 20 - Palmdale Plant		20.1	1.29	1.45	0.57	Crop Irrigation	0.88	Land Disposal
MONO								
June Lake Public Utility District		1.0	0.10	0.11			0.11	Land Disposal
Leevining Public Utility District		0.4	0.05	0.06			0.06	Land Disposal
Mammoth County Water District		2.0	0.47	0.53			0.53	Land Disposal
SAN BERNARDINO								
Barstow, City of		17.0	2.20	2.47			2.47	Land Disposal
Crestline Sanitation District		2.5	0.19	0.21			0.21	Land Disposal
Lake Arrowhead Sanitation District		4.0	0.46	0.53			0.53	Land Disposal
Victorville Sanitary District		11.0	0.72	0.80			0.80	Land Disposal
HYDROLOGIC STUDY AREA TOTAL		117.0	11.69	13.13	3.02		10.11	
<u>COLORADO DESERT</u>								
IMPERIAL								
Brawley, City of		13.6	1.19	1.34			1.34	New River
Calexico, City of		11.3	0.58	0.65			0.65	New River
Calipatria, City of		1.8	0.17	0.19			0.19	Alamo River
El Centro, City of		20.0	3.16	3.55			3.55	Alamo River
Holtville, City of		3.6	0.20	0.22			0.22	Alamo River
Imperial, City of		3.2	0.73	0.82			0.82	Land Disposal
Imperial Community College District		2.0	0.05	0.06			0.06	Irrigation Ditch
Pioneers Memorial Hospital District		0.2	0.04	0.05			0.05	New River
Westmorland, City of		1.4	0.20	0.22			0.22	Land Disposal
RIVERSIDE								
Banning, City of		12.0	0.58	0.65			0.65	Land Disposal
Blythe, City of		7.0	0.80	0.90			0.90	Land Disposal
Coachella Sanitary District		9.0	0.70	0.79	0.62	Crop Irrigation	0.17	Land Disposal
Coachella Valley County Water District		2.9	0.23	0.26	0.19	Recreation	0.07	Land Disposal
East Blythe County Water District		3.0	0.30	0.34			0.34	Land Disposal
Palm Springs, City of		22.3	2.75	3.09	1.46	Crop Irrigation	1.63	Land Disposal
Valley Sanitary District		22.0	1.98	2.23	1.48	Ground Water Recharge Crop Irrigation	0.75	Salton Sea
SAN BERNARDINO								
Needles, City of		4.4	0.60	0.67			0.67	Colorado River
HYDROLOGIC STUDY AREA TOTAL		144.0	14.26	16.03	3.75		12.28	
STATEWIDE TOTAL		18,859.8	2,086.80	2,344.85	157.94		2,186.91	

TABLE 2
WASTE WATER PRODUCTION AND RECLAMATION AT FEDERAL INSTALLATIONS
DURING 1972

HYDROLOGIC STUDY AREA COUNTY	FACILITY	ESTIMATED POPULATION SERVED (1000'S)	AVERAGE DAILY FLDW (MGD)	WASTE WATER PRODUCTION (1000 AF)	RECLAIMED WASTE WATER (1000 AF)	USE OF RECLAIMED WASTE WATER	NET WASTE WATER DISCHARGE (1000 AF)	PLACE OF DISCHARGE
<u>NORTH COASTAL</u>								
DEL NORTE	Klamath Air Force Base	0.4	0.04	0.04			0.04	Pacific Ocean
MENDOCINO	Point Arena Air Force Station	0.2	0.02	0.02			0.02	Land Disposal
	HYDROLOGIC STUDY AREA TOTAL	0.6	0.06	0.06	0.00		0.06	
<u>SAN FRANCISCO BAY</u>								
ALAMEDA	Livermore Veterans Hospital	0.6	0.11	0.12			0.12	Land Disposal
MARIN	Hamilton Air Force Base	4.0	0.31	0.35			0.35	San Pablo Bay
	Mill Valley Air Force Station	0.2	0.02	0.02			0.02	Land Disposal
SAN FRANCISCO	Treasure Island Naval Station	11.1	1.36	1.53			1.53	San Francisco Bay
SANTA CLARA	Almaden Air Force Base	0.2	0.02	0.02			0.02	Land Disposal
	Moffett Field Naval Air Station	(1)	(1)	(1)			(1)	
SOLANO	Mare Island Naval Shipyard							
	Main Plant	15.0	1.50	1.68			1.68	Mare Island Strait
	Industrial Wastes	-	1.50	1.68			1.68	Mare Island Strait
	Travis Air Force Base	15.5	1.80	2.02			2.02	Union Creek
SOMOMA	Seagage Island Naval Security Group	0.4	0.13	0.15			0.15	Land Disposal
	U. S. Coast Guard Training Center	0.7	0.07	0.08			0.08	Land Disposal
	HYDROLOGIC STUDY AREA TOTAL	47.7	6.82	7.65	0.00		7.65	
<u>CENTRAL COASTAL</u>								
MONTEREY	Camp Roberts	1.2	0.12	0.13			0.13	Land Disposal
	Port Ord(2)	25.0	2.70	3.03			3.03	Monterey Bay
	Hunter Leggett Military Reservation	10.0	1.00	0.12			1.12	Land Disposal
	U. S. Army Aviation Facility	1.5	0.15	0.17			0.17	Land Disposal
SAN LUIS OBISPO	Cambria Air Force Base	0.2	0.03	0.03			0.03	Santa Rosa Creek
SANTA BARBARA	Lompoc Federal Correction Institution	1.9	0.18	0.20	0.05	Crop Irrigation	0.15	Santa Ynez River
	Vandenberg Air Force Base	14.0	1.31	1.47			1.47	Pacific Ocean
	HYDROLOGIC STUDY AREA TOTAL	53.8	4.59	6.15	0.05		6.10	
<u>SOUTH COASTAL</u>								
ORANGE	El Toro Marine Corps Air Station	12.0	1.12	1.26	0.39	Golf Course Irr.	0.87	San Diego Creek
	Seal Beach Naval Weapons Station	1.8	0.07	0.08			0.08	Pacific Ocean
RIVERSIDE	March Air Force Base							
	Main Plant	4.7	0.35	0.39	0.39	Crop Irrigation	-0-	Land Disposal
	West Plant	2.6	0.21	0.24	0.24	Crop Irrigation	-0-	Land Disposal
SAN BERNARDINO	Norton Air Force Base	1.2	0.07	0.08			0.08	Land Disposal
SAN DIEGO	Camp Pendleton Marine Corps Base	35.6						
	Plant No. 1	-	0.70	0.79	0.79	Ground Water Recharge	-0-	Land Disposal
	Plant No. 2	-	0.48	0.54	0.54	Golf Course Irr.	-0-	Land Disposal
	Plant No. 3	-	0.35	0.39	0.39	Ground Water Recharge	-0-	Land Disposal
	Plant No. 4	-	0.12	0.13	0.13	Ground Water Recharge	-0-	Land Disposal
	Plant No. 5	-	0.14	0.16	0.16	Ground Water Recharge	-0-	Land Disposal
	Plant No. 10	-	0.08	0.09	0.09	Ground Water Recharge	-0-	Land Disposal
	Plant No. 11	-	0.44	0.49	0.49	Ground Water Recharge	-0-	Land Disposal
	Plant No. 12	-	0.29	0.33	0.33	Ground Water Recharge	-0-	Land Disposal
	Plant No. 13	-	0.67	0.75	0.75	Ground Water Recharge	-0-	Land Disposal
	Plant No. 14	-	0.29	0.33	0.33	Ground Water Recharge	-0-	Land Disposal
	Plant No. 15	-	0.10	0.11	0.11	Ground Water Recharge	-0-	Land Disposal
	Plant No. 16	-	0.01	0.01	0.01	Ground Water Recharge	-0-	Land Disposal
	Fallbrook Annex Naval Weapons Station	0.4	0.04	0.04			0.04	Fallbrook Creek
VENTURA	Point Magu Naval Air Station	7.3	0.50	0.56			0.56	Pacific Ocean
	Port Hueneme Naval Construction Battalion	(3)	(3)	(3)			(3)	
	HYDROLOGIC STUDY AREA TOTAL	65.6	6.03	6.77	5.14		1.63	

(1) Now connected to City of Sunnyvale.

(2) Erroneously reported in Bulletin 68-71 as reclaiming its waste water for golf course irrigation.

(3) Now connected to Port Hueneme Sanitary District

TABLE 2 (CONT.)
WASTE WATER PRODUCTION AND RECLAMATION AT FEDERAL INSTALLATIONS
DURING 1972

HYDROLOGIC STUDY AREA COUNTY	FACILITY	ESTIMATED POPULATION SERVED (1000'S)	AVERAGE DAILY FLOW (MGD)	WASTE WATER PRODUCTION (1000 AF)	RECLAIMED WASTE WATER (1000 AF)	USE OF RECLAIMED WASTE WATER	NET WASTE WATER DISCHARGE (1000 AF)	PLACE OF DISCHARGE
<u>SACRAMENTO BASIN</u>								
SACRAMENTO	Mather Air Force Base	6.8	0.95	1.07			1.07	Land Disposal
	McClellan Air Force Base	13.0	1.39	1.56			1.56	Magpie Creek
	Sacramento Army Depot	3.5	0.25	0.28			0.28	Morrison Creek
YOLO	Naval Radio Transmittal Station	0.1	0.01	0.01			0.01	Land Disposal
YUBA	Beale Air Force Base	12.0	1.53	1.72	1.72	Wildlife Habitat	-0-	Land Application
HYDROLOGIC STUDY AREA TOTAL		35.4	4.13	4.64	1.72		2.92	
<u>DELTA-CENTRAL SIERRA</u>								
SAN JOAQUIN	Naval Communication Station	1.1	0.42	0.47			0.47	Land Application
	Sharpe Army Depot	-	0.18	0.20			0.20	French Camp Drain
	Industrial Plant	0.9	0.20	0.22			0.22	French Camp Drain
	Lathrop Plant	0.6	0.06	0.07			0.07	Little John Creek
	Stockton Annex Plant	-	0.08	0.09			0.09	Land Application
	Tracy Defense Depot	-						
HYDROLOGIC STUDY AREA TOTAL		2.6	0.94	1.05	0.00		1.05	
<u>SAN JOAQUIN BASIN</u>								
MADERA	Madera Indian Affairs Training Center	0.3	0.03	0.03			0.03	Land Disposal
	Pumice Flat-Red Meadows Camp Ground, U. S. Forest Service	0.9	0.27	0.30			0.30	Land Disposal
MARIPOSA	Yosemite National Park							
	Badger Pass Plant	2.0(4)	0.06	0.07			0.07	Land Disposal
	El Portal Plant	40.0(4)	2.00	2.25			1.35	Merced River
	Yosemite Plant	30.0(4)	1.20	1.35			1.35	Merced River
MERCED	Castle Air Force Base	6.0	0.56	0.63			0.63	Canal Creek
TUOLUMNE	Yosemite National Park							
	Tuolumne Meadows Plant(5)	8.0(4)	0.08(5)	0.03			0.03	Merced River
	White Wolf Campground Plant	1.0(4)	0.03	0.03			0.03	Land Disposal
	Yosemite Lake Campground Plant	2.5(4)	0.07	0.08			0.08	Land Disposal
HYDROLOGIC STUDY AREA TOTAL		90.7(4)	4.25	4.77	0.00		4.77	
<u>TULARE BASIN</u>								
FRESNO	General Grant Grove (5)	4.0 (4)	0.05(5)	0.02	0.02	Crop Irrigation	-0-	Land Disposal
	Kings Canyon National Park, Three Rivers (5)	4.0 (4)	0.04(5)	0.02			0.02	South Fork Kings River
KINGS	Lemoore Naval Air Station	9.1	1.45	1.62			1.62	Land Disposal
TULARE	Olant Forest (5)	10.0(4)	0.15(5)	0.07	0.07	Crop Irrigation	-0-	Land Disposal
HYDROLOGIC STUDY AREA TOTAL		27.1	1.69	1.73	0.09		1.64	
<u>NORTH LAHONTAN</u>								
LASSEN	Sierra Army Depot	0.8	0.18	0.20			0.20	Land Disposal
HYDROLOGIC STUDY AREA TOTAL		0.8	0.18	0.20			0.20	
<u>SOUTH LAHONTAN</u>								
KERN	China Lake Naval Weapons Center	12.0	1.69	1.90	0.07		1.20	Land Disposal
	Edwards Air Force Base	18.0	1.50	1.68	1.68	Golf Course Irr.	-0-	Land Disposal
LOS ANGELES	U. S. Air Force Plant No. 42	7.0	0.84	0.94			0.94	Land Disposal
SAN BERNARDINO	Fort Irwin	0.7	0.15	0.16			0.16	Land Disposal
	George Air Force Base	9.6	0.82	0.92	0.64		0.28	Land Disposal
	U. S. Marine Corps Supply Center	2.5	0.50	0.56	0.50	Golf Course Irr.	0.06	Mojave River
	Barstow Area Plant	4.6	0.45	0.50	0.07	Golf Course Irr.	0.43	Land Disposal
	Nebo Area Plant	2.5	0.17	0.19			0.19	Land Disposal
	Yermo Area Plant							
HYDROLOGIC STUDY AREA TOTAL		56.9	6.12	6.85	3.59		3.26	

(4) Maximum Population served fluctuates
(5) Plant operated June, July and August, only

TABLE 2 (CONT.)
WASTE WATER PRODUCTION AND RECLAMATION AT FEDERAL INSTALLATIONS
DURING 1972

HYDROLOGIC STUDY AREA COUNTY	FACILITY	ESTIMATED POPULATION SERVED (1000'S)	AVERAGE DAILY FLOW (MGD)	WASTE WATER PRODUCTION (1000 AF)	RECLAIMED WASTE WATER (1000 AF)	USE OF RECLAIMED WASTE WATER	NET WASTE WATER DISCHARGE (1000 AF)	PLACE OF DISCHARGE
<u>COLORADO DESERT</u>								
IMPERIAL	El Centro Naval Air Station	1.0	0.30	0.34			0.34	New River
	Quechan Indian Tribal Council, Indian Hill	0.3	0.02	0.02			0.02	Colorado River
SAN BERNARDINO	Parker Dam	0.2	0.02	0.02			0.02	Land Disposal
	U. S. Marine Corps Base	8.5	0.62	0.70	0.30	Golf Course Irr.	0.40	Land Disposal
	Twenty-Nine Palms Plant	<u>6.5</u>	<u>1.50</u>	<u>1.68</u>	<u>1.31</u>	Golf Course Irr.	<u>0.37</u>	Land Disposal
	Octilla Heights Plant							
HYDROLOGIC STUDY AREA TOTAL		<u>16.5</u>	<u>2.78</u>	<u>3.12</u>	<u>1.68</u>		<u>1.49</u>	
STATEWIDE TOTAL		397.7	38.49	42.99	12.22		30.77	

TABLE 3
WASTE WATER PRODUCTION AND RECLAMATION BY PRIVATE ENTERPRISES
DURING 1972

HYDROLOGIC STUDY AREA COUNTY	FACILITY	ESTIMATED POPULATION SERVED (1000'S)	AVERAGE DAILY FLOW (MGD)	WASTE WATER PRODUCTION (1000 AF)	RECLAIMED WASTE WATER (1000 AF)	USE OF RECLAIMED WASTE WATER	NET WASTE WATER DISCHARGE (1000 AF)	PLACE OF DISCHARGE
<u>NORTH COASTAL</u>								
<u>HUMBOLDT</u>								
	Herbert P. Brown Campground, Phillipville	0.1	0.01	0.01			0.01	Land Disposal
	Eureka Tallow Company, Eureka	-(1)	0.07	0.08			0.08	Elk River
	Georgia-Pacific Corp., Samoa	-	25.00	28.08			28.08	Pacific Ocean
	Grace Park Subdivision, McKinleyville	0.2	0.02	0.02			0.02	Widow White Creek
	Simpson Pulp Company, Fairhaven	-	25.00	28.08			28.08	Pacific Ocean
<u>SISKIYOU</u>								
	Western Polymer Corp., Tulelake	-	2.40	2.70			2.70	Lost River
	HYDROLOGIC STUDY AREA TOTAL	0.3	52.50	58.97	0.00		58.97	
<u>SAN FRANCISCO</u>								
<u>NAPA</u>								
	Christian Brothers Winery, St. Helena	-	0.04	0.04			0.04	Land Disposal
	Charles Krug Winery, St. Helena	-	0.03	0.03			0.03	Land Disposal
	Meadowood Community, St. Helena	0.2	0.02	0.02	0.02	Golf Course Irr.	-0-	Land Disposal
	Robert Mondavi Winery, Oakville	-	0.03	0.03			0.03	Land Disposal
	Mt. LaSalle Vineyards, Napa	-	0.02	0.02			0.02	Land Disposal
	Napa Valley Mobilehome Park, Napa	0.4	0.04	0.04			0.04	Land Disposal
	Pacific Union College, Angwin	1.5	0.15	0.17	0.17	Crop Irrigation	-0-	Land Disposal
	Premium Wines, Inc., Napa	-	0.02	0.02			0.02	Land Disposal
	St. Helena Sanitarium and Hospital, St. Helena	0.4	0.04	0.04			0.04	Land Disposal
	St. Helena Co-op Winery, St. Helena	-	0.25	0.28			0.28	Land Disposal
<u>SANTA CLARA</u>								
	United Technology Center, Coyote	0.6	0.02	0.02			0.02	Land Disposal
<u>SONOMA</u>								
	Rio Linda Academy, Healdsburg	0.4	0.04	0.04			0.04	Land Disposal
	Stewards Training and Recreation, Inc., Santa Rosa	0.2	0.02	0.02	0.02	Ornamental Lake Crop Irrigation	-0-	Land Disposal
	HYDROLOGIC STUDY AREA TOTAL	3.7	0.72	0.77	0.21		0.56	
<u>CENTRAL COASTAL</u>								
<u>MONTEREY</u>								
	Cabana Holiday Mobile Home Park, Castroville	0.2	0.02	0.02			0.02	Land Disposal
	Cal-American Water Co., Carmel	-	0.70	0.78			0.78	Land Disposal
	Frank Capurro and Son, Moss Landing	-	0.05	0.06			0.06	Land Disposal
	El Toro Rancho, Spreckels	0.7	0.07	0.08	0.08	Crop Irrigation	-0-	Land Disposal
	Harold Green Mobile Home Park, Castroville	0.6	0.06	0.07			0.07	Land Disposal
	Hardin Farms of California, Soledad	0.7	0.07	0.08			0.08	Land Disposal
	King City Oil Field, King City	-	0.10	0.11			0.11	Land Disposal
	Little Bear Water Co., King City	-	0.02	0.02	0.02	Crop Irrigation	-0-	Land Disposal
	Monroe Swall Oil Field, Greenfield	-	0.01	0.01			0.01	Land Disposal
	Monterey Dunes Colony, Moss Landing	0.4	0.04	0.05			0.05	Land Disposal
	Oakhill Subdivision, Salinas	1.5	0.15	0.17			0.17	Land Disposal
	Owens-Illinois, Inc., Pacific Grove	-	0.01	0.01			0.01	Land Disposal
	Santa Cruz Canning Co., Moss Landing	-	0.09	0.10			0.10	Land Disposal
	J. M. Smucker Co., Salinas	-	0.09	0.10			0.10	Land Disposal
	Toro Park Estates, Salinas	1.2	0.13	0.15			0.15	Land Disposal
	Valley Rock and Sand Co., Carmel	-	0.03	0.03			0.03	Land Disposal
<u>SAN BENITO</u>								
	Air Industrial Research, Inc., Hollister	-	0.16	0.18	0.18	Crop Irrigation	-0-	Land Disposal
	Granite Rock Co., Arroyo	-	0.09	0.10			0.10	Pajaro River
<u>SANTA BARBARA</u>								
	Lompoc Utility Services, Lompoc(2)	3.0	0.09	0.10			0.10	Land Disposal
	Vandenberg Disposal Co., Vandenberg Village	5.0	0.35	0.39			0.39	Land Disposal
<u>SANTA CRUZ</u>								
	Bear Creek Estates, Bolder Creek	0.1	0.01	0.01			0.01	Land Disposal
	Brookdale Lodge, Brookdale	0.1	0.01	0.01			0.01	Land Disposal
	Buena Vista Migrant Labor Camp, Watsonville	0.6	0.03	0.03			0.03	Land Disposal
	Monterey Bay Academy, Watsonville	0.7	0.07	0.08	0.01	Crop Irrigation	0.07	Land Disposal
	HYDROLOGIC STUDY AREA TOTAL	14.8	2.45	2.74	0.29		2.45	
<u>SOUTH COASTAL</u>								
<u>LOS ANGELES</u>								
	Independent Order of Foresters, San Fernando	0.1	0.01	0.01			0.01	Land Disposal
	Indian Hills Mobile Homes Village, Chatsworth	0.3	0.03	0.03			0.03	Land Disposal
	Santa Catalina Island Co., Two Harbors	0.2	0.01	0.01			0.01	Land Disposal
	Top-0-Topanga Mobile Homes Estates, Topanga	0.5	0.02	0.02	0.02	Crop Irrigation	-0-	Land Disposal

(1) All dashes indicate industrial discharge, NA indicates data not available.

(2) Formerly, Signature Homes, La Purisima Mission; and Western Pacific Services, Lompoc.

TABLE 3 (CONT.)
WASTE WATER PRODUCTION AND RECLAMATION BY PRIVATE ENTERPRISES
DURING 1972

COUNTY	HYDROLOGIC STUDY AREA FACILITY	ESTIMATED POPULATION SERVED (1000'S)	AVERAGE DAILY FLOW (MGD)	WASTE WATER PRODUCTION (1000 AF)	RECLAIMED WASTE WATER (1000 AF)	USE OF RECLAIMED WASTE WATER	NET WASTE WATER DISCHARGE (1000 AF)	PLACE OF DISCHARGE
<u>SOUTH COASTAL (continued)</u>								
ORANGE	Rossmore Sanitation Inc., Laguna Hills	28.5	1.54	1.73	1.65	Crop Irrigation	0.08	Land Disposal
RIVERSIDE	Space Center, Inc., Mira Loma	1.0	0.05	0.05			0.05	Land Disposal
SAN BERNARDINO	Kaiser Steel Corp., Fontana	8.0	0.41	0.46	0.35	Industrial	0.11	Land Disposal
	Western Hill Golf Course and Country Club, Chino	0.1	0.01	0.01	0.01	Golf Course Irr.	-0-	Land Disposal
	Western Pacific Sanitation Co., Etiwanda Plant	0.4	0.05	0.06			0.06	Land Disposal
	Vina Vista Plant	0.2	0.02	0.02			0.02	Land Disposal
SAN DIEGO	Lawrence Welk's Country Club Estates, Escondido	0.4	0.03	0.03	0.03	Golf Course Irr.	-0-	Land Disposal
	San Pasquel Academy, San Pasquel	0.3	0.02	0.02	0.01	Golf Course Irr.	0.01	Land Disposal
	Warner Springs Guest Ranch, Warner Springs	0.8	0.08	0.09	0.09	Golf Course Irr.	-0-	Land Disposal
VENTURA	Simi Valley Sanitation Co., Simi Valley	5.0	0.46	0.52			0.52	Land Disposal
	HYDROLOGIC STUDY AREA TOTAL	45.8	2.74	3.06	2.16		0.90	
<u>SACRAMENTO BASIN</u>								
BUTTE	Springs of Living Waters, Inc., Richardson Springs	0.2	0.02	0.02			0.02	Mud Creek
	C. E. Building Products, Aluminum Anodizing, Chico	-	0.03	0.03			0.03	Land Disposal
GLENN	Glenn Milk Producer's Association, Artois	-	0.01	0.01			0.01	Walker Creek
LAKE	Hobergs Resort, Hobergs	0.5	0.02	0.02			0.02	Land Disposal
	Konocti Harbor Inn, Konocti Harbor	1.0	0.10	0.11			0.11	Land Disposal
NAPA	Berryessa Marina Resort, Lake Berryessa	0.4	0.04	0.04			0.04	Land Disposal
	Lake Berryessa South Shore Resort, Lake Berryessa	0.4	0.04	0.04			0.04	Land Disposal
	Markelley Canyon Resort, Lake Berryessa	0.1	0.01	0.01			0.01	Land Disposal
	Moskowitz Corners, Lake Berryessa	0.1	0.01	0.01			0.01	Land Disposal
	Napa Valley Ranch Club, Lake Berryessa	0.5	0.05	0.06			0.06	Land Disposal
	Putah Creek Park, Lake Berryessa	0.5	0.05	0.06			0.06	Land Disposal
	Rancho Montecello, Lake Berryessa	1.2	0.12	0.13			0.13	Land Disposal
	Spanish Flat Resort, Lake Berryessa	0.4	0.04	0.04			0.04	Land Disposal
NEVADA	Floristan Mutual, Floristan	0.2	0.02	0.02			0.02	Land Disposal
SHASTA	Bridge Bay Resort, Lake Shasta	0.3	0.03	0.03			0.03	Land Disposal
	Rancheria Island Mobile Home Park, Balla Ferry	0.5	0.05	0.05			0.05	Land Disposal
	Simpson-Lee Paper Co., Anderson(3)	-	11.11	12.36	0.05	Crop Irrigation	12.31	Sacramento River
	U. S. Plywood Corp., Anderson	-	2.10	2.36	2.36	Log Deck Sprinkling	-0-	
TEHAMA	Commander Industries, Red Bluff	-	2.16	2.43	2.43	Log Deck Sprinkling	-0-	
	Diamond National Corp., Plywood Plant, Red Bluff	-	0.20	0.22	0.11	Log Deck Sprinkling	0.11	Reeda Creek
	Pulping and Manufacturing Plant, Red Bluff	-	2.25	2.53			2.53	Sacramento River
	Rio Vista Mobile Estates, Red Bluff	0.2	0.02	0.02			0.02	Land Disposal
YOLO	Spreckels Sugar Company, Woodland	-	4.32(4)	2.92(4)			2.92	Land Disposal
	HYDROLOGIC STUDY AREA TOTAL	6.5	20.97	23.53	4.95		18.58	
<u>SAN JOAQUIN BASIN</u>								
CALAVERAS	Copper Core Subdivision, Copperopolis	1.5	0.15	0.17			0.17	Land Disposal
MADERA	Wildwood Mobile Home, Wildwood	0.2	0.02	0.02	0.02	Landscape Irrigation	-0-	Land Disposal
MARIPOSA	Don Pedro Mobile Park, La Grange	1.3	0.13	0.15	0.15	Landscape Irrigation	-0-	Land Disposal
	Lake McClure Boat Club Trailer Park, Lake McClure	0.2	0.01	0.01	0.01	Landscape Irrigation	-0-	Land Disposal
	Mariposa Pines, Inc., Briceburg	0.5	0.05	0.06	0.06	Golf Course Irr.	-0-	Land Disposal
	McClure Point Recreation Area, Lake McClure	0.6	0.02	0.02	0.02	Landscape Irr.	-0-	Land Disposal

(3) Formerly Kimberly-Clark Pulp and Paper Mill, Anderson.

(4) Plant operated for only 220 days.

TABLE 3 (CONT.)
WASTE WATER PRODUCTION AND RECLAMATION BY PRIVATE ENTERPRISES
DURING 1972

HYDROLOGIC STUDY AREA COUNTY FACILITY		ESTIMATED POPULATION SERVED (1000'S)	AVERAGE DAILY FLOW PRODUCTION (MGD)	WASTE WATER RECLAIMED WASTE WATER (1000 AF)	USE OF RECLAIMED WASTE WATER	NET WASTE WATER DISCHARGE (1000 AF)	PLACE OF DISCHARGE
SAN JOAQUIN BASIN (continued)							
MERCED							
E & J Gallo Winery, Livingston	-	2.25	2.53	1.40	Crop Irrigation	1.13	Merced River
Goodyear Tire and Rubber Co., Merced	-	0.45	0.51	0.51	Crop Irrigation	-0-	Land Disposal
KOA Campground, Los Banos	1.0	0.10	0.11			0.11	Land Disposal
Rancho Grande Mobile Home Park, Atwater	0.3	0.03	0.03	0.02	Landscape Irrigation	0.01	Land Disposal
Rogers Bros. of California, Livingston							
Domestic Plant	0.1	0.01	0.01			0.01	Land Disposal
Industrial Plant	-	0.30	0.34	0.34	Crop Irrigation	-0-	Land Disposal
STANISLAUS							
Pepsi Cola Bottling Co., Modesto	-	0.03	0.03	0.03	Crop Irrigation	-0-	Land Disposal
Shafter Mobile Home Park, Valley Home	0.2	0.02	0.02	0.02	Landscape Irrigation	-0-	Land Disposal
TUOLUMNE							
Boise Properties, Inc., Don Pedro Reservoir	1.2	0.12	0.13			0.13	Browns Creek
Pine Mountain Lake Subdivision, Groveland	1.4	0.14	0.16	0.11	Golf Course Irr.	0.05	Land Disposal
HYDROLOGIC STUDY AREA TOTAL		8.5	3.83	4.30		1.61	
TULARE BASIN							
FRESNO							
Baker Commodities, Inc., Kerman	-	0.03	0.03	0.03	Crop Irrigation	-0-	Land Disposal
Big Creek Village No. 1, Huntington Lake	0.3	0.02	0.02			0.02	Big Creek
Chevron Land and Development Co., Panoche	1.0	0.10	0.11	0.11	Crop Irrigation	-0-	Land Disposal
Clovis Orchards Subdivision, Clovis	0.4	0.04	0.04			0.04	Land Disposal
Coit Ranch Inc., Mendota	0.5	0.05	0.06	0.06	Crop Irrigation	-0-	Land Disposal
De Casser Mobile Home Park, Pinedale	0.4	0.04	0.05	0.05	Landscape Irrigation	-0-	Land Disposal
Exchequer Heights Subdivision, Dinkey	0.3	0.03	0.03			0.03	Land Disposal
E & J Gallo Winery, Fresno	-	2.00	2.25	1.12	Crop Irrigation	1.13	Land Disposal
Guild Wine Company, Fresno	-	0.17(5)	0.03(5)	0.03	Crop Irrigation	-0-	Land Disposal
Harlan Ranches, Fresno	-	0.01	0.01	0.01	Crop Irrigation	-0-	Land Disposal
Hume Lake Conference, Inc., Hume	0.8	0.03	0.03			0.03	Land Disposal
Lakeshore Resort, Lakeshore	0.3	0.03	0.03			0.03	Land Disposal
Lion Packing Co., Fowler	-	0.01	0.01	0.01	Crop Irrigation	-0-	Land Disposal
O'Neal Meat Company, Fresno	-	0.07	0.08	0.08	Crop Irrigation	-0-	Land Disposal
Selma Winery, Inc., Selma	-	0.02	0.02	0.02	Crop Irrigation	-0-	Land Disposal
Sequoia Pacific Investment Co., Shaver Springs	0.3	0.03	0.03			0.03	Land Disposal
Shady Lakes Mobile Park, Malaga	0.2	0.02	0.02	0.02	Landscape Irrigation	-0-	Land Disposal
Sims Mobile Home Park, Dunlap	0.5	0.03	0.03	0.03	Landscape Irrigation	-0-	Land Disposal
Soojian Mobile Home Park, Sanger	0.6	0.05	0.06	0.06	Landscape Irrigation	-0-	Land Disposal
Spreckels Sugar Co., Mendota	-	2.15	2.41			2.41	Land Disposal
C. LeDell Stewart Trailer Park, Fresno	0.4	0.04	0.04			0.04	Land Disposal
Wawona Frozen Foods, Fresno	-	0.14(6)	0.07(6)	0.07	Crop Irrigation	-0-	Land Disposal
Whispering Water Mobile Home Park, Squaw Valley	0.3	0.02	0.02	0.02	Landscape Irrigation	-0-	Land Disposal
Wish-I-Ah Lodge, New Auberry	0.2	0.02	0.02	0.02	Landscape Irrigation	-0-	Land Disposal
KERN							
Bear Valley Springs, Bear Valley	1.0	0.12	0.13	0.13	Golf Course Irr.	-0-	Land Disposal
Belridge Farms, Shafter	-	0.50	0.56	0.56	Crop Irrigation	-0-	Land Disposal
Corrosion Controls, Inc., Cymric Avenue, McKittrick	-	0.01	0.01			0.01	Land Disposal
Diversified Chemical Corp., McKittrick	-	0.13	0.15			0.15	Land Disposal
Environmental Disposal Service, Coalinga	-	0.03	0.03			0.03	Land Disposal
Environmental Protection Corp., Bakersfield	-	0.06	0.07			0.07	Land Disposal
H & S Development Co., Wofford Heights	0.1	0.01	0.01			0.01	Land Disposal
Hotsprings Valley Waste, Kernville	9.8	0.90	1.01	1.01	Crop Irrigation	-0-	Land Disposal
Kernville-Wofford Heights, Kernville	16.0	1.40	1.57	1.57	Crop Irrigation	-0-	Land Disposal
Kleen Seed Delinting, Shafter	-	0.09	0.10	0.10	Crop Irrigation	-0-	Land Disposal
McKittrick's 5 Properties, Bottomwillow	1.0	0.12	0.13			0.13	Land Disposal
Mil Patero Mutual Water Co., Frazier Park	0.1	0.01	0.01			0.01	Land Disposal
M. P. Oil Company, Bakersfield	-	0.10	0.11			0.11	Land Disposal
Pinion Pines Development Co., Frazier Park	0.7	0.07	0.08			0.08	Land Disposal
Powers Development, Lost Hills	-	0.04	0.04	0.04	Crop Irrigation	-0-	Land Disposal
Rancho El Contento, Frazier Park	0.7	0.07	0.08			0.08	Land Disposal
Squirrel Valley, South Lake Water Treatment Facility, Kernville	6.2	0.45	0.51	0.51	Crop Irrigation	-0-	Land Disposal
Shell Oil Co., Bakersfield Pump Station, Bakersfield	0.3	0.03	0.03			0.03	Land Disposal
Kettleman Pump Station, Lost Hills	0.2	0.02	0.02			0.02	Land Disposal
Mid Pump Station, Lost Hills	0.2	0.02	0.02			0.02	Land Disposal
Wasco Pump Station, Wasco	0.1	0.01	0.01			0.01	Land Disposal
Standard Oil Co., Elk Hills Site, Tupman	0.1	0.01	0.01			0.01	Land Disposal
Stony Brook Resort, Keene	0.1	0.02	0.02			0.02	Twenty Creek
Tejon Ranch Co., Lebec	0.2	0.02	0.02			0.02	Land Disposal
Valley Waste Disposal Co., Buena Vista Site, Fellows	-	0.03	0.03			0.03	Land Disposal
Cymric Site, McKittrick	-	0.05	0.06			0.06	Land Disposal
Kerto Site, Maricopa	-	0.05	0.06			0.06	Land Disposal
McKittrick Site, McKittrick	-	0.03	0.03			0.03	Land Disposal
Western Polymers, Shafter	-	0.10	0.11	0.11	Crop Irrigation	-0-	Land Disposal
Westside Disposal Farm, Fellows	-	0.08	0.09			0.09	Land Disposal

(5) Plant operated for only 2 months.
(6) Plant operated for only 5 months.

TABLE 3 (CONT.)
WASTE WATER PRODUCTION AND RECLAMATION BY PRIVATE ENTERPRISES
DURING 1972

HYDROLOGIC STUDY AREA COUNTY	FACILITY	ESTIMATED POPULATION SERVED (1000'S)	AVERAGE DAILY FLOW (MGD)	WASTE WATER PRODUCTION (1000 AF)	RECLAIMED WASTE WATER (1000 AF)	USE OF RECLAIMED WASTE WATER	NET WASTE WATER DISCHARGE (1000 AF)	PLACE OF DISCHARGE
<u>TULARE BASIN (continued)</u>								
<u>KINGS</u>								
	Armstrong Rubber Company, Hanford	-	0.23	0.26	0.03	Crop Irrigation	0.23	Land Disposal
	Beacon Oil Co., Hanford	0.1	0.01	0.01			0.01	Land Disposal
	Martin Caldwell Meat Co., Hanford	-	0.06	0.07	0.07	Crop Irrigation	-0-	Land Disposal
	Kings Waste Disposal, Kettleman City	-	0.08	0.09			0.09	Land Disposal
<u>TULARE</u>								
	Buckeye Residential Area, Buckeye	0.1	0.01	0.01			0.01	Land Disposal
	California Acid Delinting Co., Goshen	-	0.29	0.33	0.33	Crop Irrigation	-0-	Land Disposal
	Lewis M. Glick, Ivanhoe	0.1	0.01	0.01			0.01	Land Disposal
	Jordan Peak Ski Resort, Camp Nelson	0.7	0.06	0.07			0.07	Land Disposal
	KOA Campground-Yokut, Success	0.2	0.02	0.02			0.02	Land Disposal
	Lakeside Trailer Park, Success	0.2	0.02	0.02			0.02	Land Disposal
	River Island Unit #3, Success	0.3	0.02	0.02	0.02	Golf Course Irr.	-0-	Land Disposal
	Rumano Industries, Terra Bella	-	0.06	0.07			0.07	Land Disposal
	Tagus Ranch, Tagus	NA	0.14	0.16			0.16	Land Disposal
	HYDROLOGIC STUDY AREA TOTAL	45.5	10.52	11.75	6.22		5.53	
<u>NORTH LAHONTAN</u>								
<u>LASSEN</u>								
	Eagle Lake Lumber Co., Susanville	-	2.80	3.14	2.77	Log Deck Sprinkling	0.37	Suaan River
	HYDROLOGIC STUDY AREA TOTAL		2.80	3.14	2.77		0.37	
<u>SOUTH LAHONTAN</u>								
<u>INYO</u>								
	Furnace Creek Ranch, Death Valley	1.0	0.10	0.11			0.11	Land Disposal
	Rolling Green Terrace Subdivision, Bishop	0.3	0.03	0.03			0.03	Land Disposal
<u>SAN BERNARDINO</u>								
	Apple Valley Inn, Apple Valley	0.3	0.03	0.03	0.01	Crop Irrigation	0.02	Land Disposal
	HYDROLOGIC STUDY AREA TOTAL	1.6	0.16	0.17	0.01		0.16	
<u>COLORADO DESERT</u>								
<u>IMPERIAL</u>								
	Holly Sugar Corp., Brawley	-	1.10	1.24			1.24	Alamo River
	Imperial Valley Country Club, Holtville	0.1	0.01	0.01			0.01	Barbara Worth Drain
	U. S. Gypsum Co., Plaster City	0.7	0.07	0.08			0.08	Land Disposal
<u>RIVERSIDE</u>								
	Desert Crest, Inc., Desert Hot Springs	0.8	0.02	0.02			0.02	Land Disposal
	Kaiser Steel Corp., Eagle Mountain	-	1.44	1.62	0.85	Industrial	0.77	Land Disposal
	HYDROLOGIC STUDY AREA TOTAL	1.6	2.64	2.97	0.85		2.12	
	STATEWIDE TOTAL	126.3	99.33	111.40	20.15		91.25	

**THIS BOOK IS DUE ON THE LAST DATE
STAMPED BELOW**

**BOOKS REQUESTED BY ANOTHER BORROWER
ARE SUBJECT TO RECALL AFTER ONE WEEK.
RENEWED BOOKS ARE SUBJECT TO
IMMEDIATE RECALL**

LIBRARY, UNIVERSITY OF CALIFORNIA, DAVIS

D4613 (12/76)



3 1175 00574 6345

